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- ZEOS INTERNATIONAL - Fargo Primera Pro - Windows-95
- TIPTAP Lite - People Talking - COMDEX ISSUE

-* CYRIX REVEALS 586 CHIP DETAILS *-

-* HP INTROS 8-PORT ETHERNET HUB *-

-* JAGUAR IN JAPAN *-

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> From the Editor's Desk

"Saying it like it is!"

This week's issue, on the heels of the "great Thanksgiving dinner", has been helped along by all the news and goodies coming out of Comdex Fall '94. The show ended last week but the wonderment and revelations will continue for some time to come. Zeos information has been included in this week's issue because of the high volume of reader letters asking for more info about their products and prices. STReport's recommendation for the ZEOS Pantera Pentium is simple and to the point. This is the machine of choice. If you are in the market, don't hesitate when thinking of the Pantera.

I must admit I still feel somewhat "overfed" . . . so let's get on with the issue while I still have the energy.

Hope you all had a wonderful holiday.

Ralph.....

Of Special Note:

STReport will be branching out further to Internet's userbase in the very near future. We've received numerous requests to receive STReport from a wide variety of Internet addresses. As a result, we're putting together an Internet distribution mailing list for those who wish to receive STReport on a regular basis, and we'll UUENCODE each issue and mail it to you.

If you're interested in being added to our mailing list, please, send your requests to either "dpj@delphi.com" or, RMARIANO@DELPHI.COM. Look for mailings to begin by October first. We are also considering a number of Internet ftp sites in which to post our issues for as well. Whatever we can do to make STReport available to you. we'll try it!

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The Staff & Editors

IBM/POWER-PC/PC SECTION (I)

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Computer Products Update - CPU Report

Weekly Happenings in the Computer World

Issue #48

Compiled by: Lloyd E. Pulley, Sr.

COMDEX SPECIAL

***** General Computer News *****

** Atari's Jaguar Enters Japanese Retail Markets **

Japanese consumers are seeing the first appearance of the Atari Jaguar 64-bit video game system at Toys "R" Us stores and other selected retail outlets. Atari says Mumin Corporation of Tokyo is in charge of distribution and sales throughout Japan.

Also learned was that Atari plans to introduce four new games this week and still another five during the month of December in the US. These new titles are all designed for the Jaguar system and should be available wherever the system is sold worldwide. The new games are priced from \$49 to \$69.

After debuting the system in New York and San Francisco during the holiday season of 1993, Atari says its 64-bit game system is now available in Europe, Canada, and the US.

** Kensington Intros Thinking Mouse **

Kensington has announced Thinking Mouse, the newest member of the company's family of input devices for Macintosh, and IBM PC, PS/2 and compatibles.

According to company spokesperson, Sarah Sherwood, the Thinking Mouse offers "powerful, yet easy-to-use programmable" mouse software and "innovative hardware for superior comfort and control."

The capable software and ergonomic hardware work together to allow users to customize feature sets for each installed application including acceleration, user-defined pop-up menus, and time-saving button functions. Other software features include "Brilliant Cursor," which gives users the ability to instantly jump to any pre-defined "hotspot" on the screen and back.

Three versions of Thinking Mouse are being offered: the estimated street price for the Macintosh version is \$99.95; the serial and PS/2 and compatible version is \$89.95; and the bus version is \$119.95.

The Thinking Mouse is "guaranteed compatible" with Windows 3.1, MS-

DOS 3.x or later, OS/2 2.x, and Macintosh System 6.0.7 or later, including System 7.5 and Macintosh on Power PC. All input devices include Kensington's Satisfaction Guarantee, including a five-year product warranty with toll-free technical support and a 90-day "no risk trial."

** HP Intros Advanced 8-Port Ethernet Hub **

Hewlett-Packard Company, a leading supplier of stackable hubs, has introduced the HP AdvanceStack 10Base-T Hub-8U (upgradable). The company says it is the first eight-port Ethernet hub capable of upgrading to advanced management capabilities.

According to Gary McAnally, general manager of HP's Roseville California Networks Division, at a suggested list price of \$299, HP's new offering is lower than most of the unmanaged hubs currently available. McAnally added it is also the only eight-port Ethernet hub that offers users a path to advanced SNMP (Simple Network Management Protocol) management functionality.

The HP AdvanceStack 10Base-T Hub-8U is backed by HP's limited lifetime warranty and is expected to be available in December.

** Dataflight Software Offers Windows Database Management **

Dataflight Software has announced its Concordance version 5.40 for Windows, a full text search and retrieval database manager for both single users and enterprise-wide office environments. Concordance is also available in DOS and OS/2 versions which offer advanced text search and retrieval database management.

Users may search a database using any words, phrases or combinations which appear in the database. The new version supports fuzzy logic, which enables searching techniques that locate keywords even when they are mis-spelled or mis-typed. Group searches and wild card searches also offer increase the range of search capability.

Concordance v5.40 for Windows requires a 386 or faster processor, Windows 3.1 or higher, at least 8 megabytes (MB) of RAM, and a hard disk. Due to be shipped by December 1, Concordance v5.40 for Windows is priced at \$995 for single users and \$4,000 for the network version.

** Prodigy Enhances E-Mail Services, Offers Focus Groups **

Prodigy has announced a number of E-Mail enhancements which include a spelling-checker, a larger address book, increased message and subject line space, and off-line composition in a users word processor. Also, Prodigy has announced its Focus Group program for marketers, researchers, and businesses.

Prodigy has also redesigned its format for messages and subject lines, so as to increase the amount of writing space by 35%. The new Address Book now allows users to include up to 50 Internet addresses and 50 Prodigy addresses. Members are also allowed to create nicknames in the address book instead of having to deal with large and unwieldy Internet addresses.

** Computer Peripherals Intros 28.8 Kbps Modems **

Computer Peripherals Inc. (CPI) is expected to soon start shipping its first 28.8 Kbps modems for IBM and compatible computers.

CPI's 28.8 Kbps modem line, called Viva, is built around the Rockwell RC288ACi chipset and transfers data at 28.8 Kbps, sends and receives fax transmissions at 14.4 Kbps and is fully equipped for voice communication.

According to CPI, the PCMCIA version of the Viva 28.8 Kbps modem will have a street price of \$299 and the external version should carry an expected street price of \$335, when all three units become available in January, 1995.

** Sony's \$999 17-Inch Monitor **

Sony has introduced the 17sf, the first 17-inch Sony monitor list priced at less than \$1,000. The new 17sf is geared to the SOHO (small office/home office) market as well as "corporate America".

According to Sony, the 17sf has all the same specs of the current 15sf, except that it offers a 17-inch tube. Maximum resolution on the new 17sf is 1280 by 1024. The 'sf' monitors introduce a three-year warranty on parts and labor, in contrast to the one-year warranty of the earlier CPD line. The new 'sf' products also provide a two-year CRT (cathode ray tube) warranty.

Sony's new 17se is shipping now for a suggested list price of \$999, which includes software and an adapter for a Windows-based PC. The 17se is also Macintosh-compatible, but a Mac adapter and software are priced at an additional \$18.95.

It is expected that the street pricing on the new 17-inch Sony Trinitron monitor to be in the \$849 to \$899 range.

** Quarterdeck Readies "Gamerunner" DOS Utility **

Quarterdeck Office Systems has announced plans to ship Gamerunner, a utility suite for PC DOS games users that uses Quarterdeck's memory management utilities to make games run faster, and more efficiently within the PC's memory confines.

According to QuarterDeck, the three utilities in the package will obtain more memory, speed up both disk access and memory management, and even allow a game player to "cheat" on the game using various "peeks" and "pokes."

Gamerunner will ship worldwide later this year. The package is the first in a series of utilities designed specifically for DOS games, and includes QEMM (Quarterdeck's Expanded Memory Manager) for Games 7, the HyperDisk Speed Set from HyperWare and AXIS, the games cheater, from Baseline Publishing.

** Alfa Offers Video Adapters, Software **

Alfa Inc., has unveiled two products aimed at the desktop videocon-

ferencing and video capture markets. Both work with fiber distributed data interface (FDDI) local area networks.

The AlfaVision Motion-JPEG is a videoconferencing package, including both hardware and videoconferencing software. Also available is the AlfaMotion MPEG video playback card, for full-screen video playback. The products rely on the Joint Photographic Experts Group (JPEG) and Motion Picture Experts Group (MPEG) video standards.

The AlfaMotion MPEG card plays back full-screen video at 30 frames per second with resolutions as high as 1,024 by 768 with 64,000 colors, according to the vendor. It also provides 16-bit stereo audio.

The MPEG card is available now at a list price of \$395. The Motion JPEG package will be available in January, Alfa said, with prices from \$1,795 to \$2,095.

** Novell Announces New Licensing For NetWare **

Novell Inc. has announced a new licensing program it says will let users more closely match their NetWare license purchases with their user requirements. The company also announced a new sales and technical training program for Novell distributors and resellers.

Novell says the program will go into effect with the release of Novell NetWare version 4.1. The new release is scheduled to ship in December.

** Cyrix Reveals 586 Chip Details **

Cyrix Corp. has revealed details about its first M1 architecture product, a 586 microprocessor that is both superscalar and super-pipelined. The company says the chip is targeted to be fastest x86 CPU (central processor unit) for personal computers.

The chip includes a 64-bit data bus and a single 64-bit enhanced x87-compatible floating point pipeline. The on-chip floating point unit (FPU) uses a four-instruction queue and four independent 64-bit write buffers.

Cyrix said its first 586 M1-based chip will be produced in a 296-pin SPGA (scattered pin grid array) package, the same used by the Intel P54C. According to Cyrix, the M1 and P54C pinouts are similar enough that motherboards can be designed to accept either part with a minimal number of jumpers. The company said the only pinout differences are test and debug features not used by most system designs.

The first 586 chips will be sampled in the fourth quarter and production quantities are scheduled for early 1995.

** Carnegie-Mellon Univ Blocks Internet Porn **

Students can no longer use Carnegie-Mellon University's computers to retrieve pictures via the Internet containing questionable sexual content. The university has blocked access to certain sources of pictures it considers pornographic.

In a move that has provoked complaints of censorship and infringement of academic freedom, Carnegie-Mellon imposed the restrictions after seeing the results of research on online pornography by a research associate, Martin Rimm.

Rimm, who is studying pornography in cyberspace, used Carnegie-Mellon's computers to collect more than 900,000 pictures, ranging from nudes to bestiality. He also determined that the pictures had been called up by computer users over the Internet more than six million times.

** Merriam-Webster's Collegiate Electronic Dictionary **

Available for either the Windows or Macintosh platforms, Merriam-Webster's Collegiate Dictionary, Electronic Edition, was previewed during the recent Comdex in Las Vegas. The dictionary has 160,000 entries and multiple searching capabilities.

In addition to the general vocabulary, this edition includes more than 6,000 biographical entries, 9,000 geographical entries, 3,000 abbreviations, and 600 foreign words and phrases.

Merriam-Webster's Collegiate Dictionary, Electronic Edition, is expected sometime in December on floppy disks for either platform at a suggested retail price of \$69.95. A compatible Thesaurus will also be available on disk for \$49.95. Both the dictionary and the Thesaurus are on a CD for both platforms with a price of \$79.95.

The dictionary takes 17 megabytes of hard disk space if a user installs the entire body of the application. Users with the CD version may opt to install only the index and code on the hard disk or run the entire application from the CD.

** All-In-One Fax/Printer/Copier With Fax Board **

Lanier Worldwide Inc., a wholly owned subsidiary of Harris Corp., has introduced a piece of office equipment that combines a plain paper fax, laser printer, copier, and a PC fax board.

The Lanier 5010 MFD can send or receive a fax, and print or make copies simultaneously. The machine can produce 10 copies per minute at 300 dpi and can copy onto paper, transparencies or cardstock. It uses a vacuum fluorescent print head the company says provides laser-quality output, but has fewer moving parts.

The printing function of the 5010 MFD includes PCL5 emulation and 68 built-in fonts. Lanier said it can also download the Truetype fonts that are part of Microsoft Windows.

The Lanier 5010 MFD has a suggested retail price of \$3,895. That includes the drum which is rated at about 30,000 pages, a 30,000 page developer, and a toner cartridge that should produce 3,000 to 4,000 pages.

** Apple MS-DOS/Windows System & Card For Power Macs **

Apple Computer Inc. has announced the Power Macintosh 6100 DOS

Compatible System and DOS Compatibility Card for Power Macintosh 6100 and Macintosh Performa 6100 Series. The interface card is being offered as a stand-alone or bundled hardware "solution" for supporting MS-DOS and Windows. The latter also reportedly adds full multimedia capability under MS-DOS and Microsoft Windows.

In fact, if the user also plugs in a second monitor, Macintosh and PC applications can be simultaneously displayed.

The card and system are expected to be available early first quarter, 1995.

** AOL/Apple/Medior Launch "2Market" Shopping Service **

America Online Inc., Apple Computer Inc., and Medior Inc. have formed a new on-line and CD-ROM interactive shopping service, named 2Market. AOL says 2Market will accelerate the convergence of on-line service with multimedia publishing, and provide a medium for purchase transactions.

Consumers will be able to search for products on 2Market by name and category, the firm said, and then place orders by telephone through a toll-free number, by modem, or by fax.

** Humongous Ships Putt-Putt/Fatty Bear CD-ROM **

Humongous Entertainment says it is now shipping its Putt-Putt and Fatty Bear's Activity Pack on CD-ROM. The software is a collection of games of skill and interactive learning activities for children ages three to eight.

The pack includes Reversi, Tic Tac Toe, and On Ramps and Off Ramps, which is a game similar to Snakes and Ladders. The young users can also improve their memory skills or sharpen their reasoning ability with the other puzzles and games in the program. Four levels of difficulty can be selected.

The company says the Activity Pack has an estimated street price of \$19.99. In addition to the four new games, the program incorporates the eleven activities that ship in the previously released Fatty Bear's Fun Pack and Putt-Putt's Fun Pack.

The Activity Pack runs on Apple Computer Inc.'s Macintosh platform, as well as on Windows-based personal computers.

** Exabyte Enters PC Backup Device Market **

Exabyte Corp. has entered the personal computer backup device market with the introduction of a quarter-inch mini-cartridge tape system that uses a floppy drive interface.

The EXB-1500 Quarter-inch Cartridge Tape Subsystem supports both the QIC-3010 and the QIC-3020 recording standards and uses DC2000 tapes. In the 3010 mode the EXB-1500 can store up to 340 megabytes (MB) of data, while the maximum capacity in the 3020 mode is 680MB. Both those can be doubled through the use of data compression software.

Exabyte says the EXB-1500 is scheduled to ship in the first quarter

of 1995 with a suggested retail price of \$399. The company manufactures other quarter-inch tape drives with capacities of two and four gigabytes (GB).

** Randy McNally Intros TripMaker For Windows **

According to Rand McNally, trip planning can be as much fun as the trip itself. To make the chore easier, the venerable map publisher has released TripMaker for Windows on CD-ROM.

TripMaker for Windows includes more than 640,000 miles of roadways, 125,000 cities and towns, and thousands of recreational activities and attractions. The software provides detailed driving instructions and can print maps to take with you. The itinerary the program produces is cross-referenced to the appropriate page numbers in the Rand McNally Road Atlas.

TripMaker has a suggested retail price of \$79, and Rand McNally says it expects the street price will be about \$49. The company provides free, unlimited technical support for TripMaker, although the phone call is not toll-free. Rand McNally also supports TripMaker on Compuserve.

** Computer Industry Almanac 1994-95 Shipping **

The 1994-1995 Computer Industry Almanac (CIA), an annual reference book in its seventh edition for and about the computer marketplace, has started shipping.

This 800-page book is authored/edited by Dr. Egil Juliussen and Karen Petska-Juliussen. According to its authors, it includes hundreds of thousands of facts and statistics summarizing the microcomputer industry.

The 1994-95 Computer Industry Almanac is \$50 for softcover, \$60 for hardcover, and \$60 for CD-ROM. It is available directly from the authors and bookstores.

** Shapeware Intros Visio Technical 3.0 **

Shapeware Corp. has announced Visio Technical 3.0, a "drag and drop" drawing package that gives the user access to computer-aided drawings (CAD) without learning the complexities of CAD. Users can also create their own technical drawings.

Visio Technical is not a CAD program itself, instead, it converts the DWG file format used by AutoCAD and lets the user modify the drawing using Shapeware's Smartshape technology, which includes a number of clip-art images.

According to Shapeware, the typical user is not a full-time CAD designer but his or her job requires them to develop and modify technical drawings. Shapeware says Visio Technical makes that easy and cuts the learning curve too. "They can bypass three to six months of unnecessary and excessive CAD training to accomplish the type of work they do."

Visio Technical has built-in support for Microsoft Mail and Lotus Notes which allows you to send your drawings using one of those

applications.

Visio Technical 3.0 for Windows, scheduled for shipment in early December, will have a suggested retail price of \$349. The company estimates the street price to be about \$100 less.

** Two-Way Voice Calls Over The Internet **

A Toronto, Ontario firm named microWonders Inc. is promoting a free Windows program that provides two-way voice communications over Internet connections. Named the Internet Global Phone (IGP), the program will run on any PC equipped with a SoundBlaster compatible sound card, speakers, and a microphone, the firm says.

IGP uses voice compression technology developed at the Technical University of Berlin and made freely available over the Internet. The compression technology, called GSM, makes real-time voice connections practical over any common modem-based Internet connection from 14.4 kilobits-per-second (Kbps) up. It also works over ISDN (integrated services digital network)-based or LAN (local area network)-based connections, the firm says.

IGP requires a 386/20 or faster Multimedia PC-compliant PC containing a SoundBlaster or compatible sound board with microphone and speakers, four megabytes (MB) of memory or more, and Microsoft Windows 3.1 or later. Use with a 14.4 Kbps or 28.8 Kbps analog modem requires Internet access by SLIP (Serial Line Internet Protocol) or PPP (Point to Point Protocol). TCP/IP (Transmission Control Protocol/Internet protocol) access by ISDN or LAN also may be used.

IGP source code can be downloaded from the DDJ Forum on CompuServe or via anonymous FTP from Internet at site [ftp.mv.com](ftp://ftp.mv.com) (192.80.84.3) in the /pub/ddj directory. It is also downloadable from DDJ's BBS at 415-358-8857.

The software implementation can be obtained via anonymous FTP from Internet site [ftp.cs.tu-berlin.de](ftp://ftp.cs.tu-berlin.de) in the /pub/local/kbs/tubmik/gsm/ directory, or by electronic-mail at jutta@cs.tu-berlin.de.

** American Small Business Computers Ships \$79 CAD **

American Small Business Computers debuted its DesignCAD 3-D for Windows three-dimensional computer-aided design (CAD) program, and Instant Engineer Windows-based \$79 CAD program at Comdex last week. The provider of CAD programs delivers Windows, DOS, and Mac CAD applications.

The company also brought its EconoCAD, which sells for \$19.95, to Comdex. This application was designed for someone who was really afraid of CAD or was unsure of the level of investment they could make.

Instant Engineer will soon be followed by Instant Architect and Instant Estimator to extend the "Instant" series of products. The company says these two new products will be priced in the same \$79 range as Instant Engineer.

** Adobe Intros Consumer CD-ROMs **

Adobe Systems Inc. has announced its first entries into the consumer CD-ROM software market. The company has introduced deluxe versions of Adobe HomePublisher 2.0 Deluxe CD and SuperPaint 3.5 Deluxe CD, both with an estimated street price of \$69, and the dual consumer graphics programs bundle of Adobe Paint & Publish Deluxe CD, with an estimated street price of \$99.

The programs are being offered through Adobe's consumer products group (formerly the Aldus Consumer Division). All products are expected to be available by early December.

** Black Box On-Line Internet Service **

Black Box Corporation has launched its Black Box Catalog on the Internet. The firm says its new Internet shopping service, named Black Box On-Line, will enhance the famous high-tech catalog with direct on-line product information and support.

The firm's catalog concentrates on computer and communications connectivity products, with products ranging from printer cables to local area and wide area network devices like print spoolers, modems, multiplexers, and protocol conversion products.

While the catalog is not yet complete with new products are being added almost on a daily basis, the firm hopes to finish populating the service with all current US products by January 1. International versions of the catalog, in native languages, will be added after that. The firm operates in more than 50 nations.

Internet subscribers can access Black Box On-Line at
<http://www.blackbox.com/>.

** Orchid FM Board **

Orchid Technologies introduced its SoundDrive 16EZ and SoundDrive 16+SCSI boards to COMDEX attendees, saying it is the first time users have had the opportunity to take advantage of FM synthesis at an affordable price.

The new SoundDrive 16 series provides true 16-bit, high fidelity audio and is bundled with QuikVoice, Talking Utilities and TalkWorks. The card is designed to provide users with higher audio performance than standard 16-bit cards, but with an affordable price. Orchid has a series of WaveBooster wavetable upgrade daughterboards for more advanced users.

SoundDrive 16EZ sells for \$139 and SoundDrive 16+SCSI is priced at \$179. The WaveBooster daughterboards are priced from \$129 to \$219 and all are available through standard retailers at this time.

For more professional users, Orchid introduced A/WS, the software and chip enhancement which incorporates new algorithmic advances on its SoundWave Pro series. Designed for multimedia, gaming and entertainment developers, this card offers a means for listening to both FM and wavetable synthesis, as well as a combination of these and other forms of synthesis.

THE KIDS' COMPUTING CORNER
=====

by Frank Sereno

The Wanderoos Go Exploring, dual format CD-rom for Windows and Mac by;

Optical Data Interactive
30 Technology Drive
Warren, New Jersey 07059
phone 800-887-0022

IBM Requirements:

CPU: 386 or better
Graphics: 256 color VGA
Hard Disk: 1 to 8 megs
Ram: 4 megs
OS: Windows 3.0 or higher
CD-rom: Yes
Sound: Sound card recommended

Mac Requirements:

CPU: Mac LC or better
Graphics: 256 color video
Hard Disk: 1 to 8 megs
Ram: 4 meg
OS: System 7.0 or higher
CD-rom: Yes

"The Wanderoos Go Exploring" is one of Optical Data's Kinderventures series of programs. The program comes on a dual-format CD-rom for Windows and Macintosh computers. "Wanderoos" is hosted by two friendly twins, Pocket and Tails. A plush hand puppet of a wanderoo and a storybook is included with the program.

The program begins with a short introduction by Pocket and Tails which can be skipped by pressing any key or clicking the mouse. The main screen is a map showing many areas to explore. In the treehouse, your child will choose from different faces, hair, eyes and coveralls to make his own wanderoo.

The schoolhouse has activities to teach children counting, colors, shapes and the alphabet. The colors, shapes and alphabet activities use video shown on a small monitor with forward and reverse buttons to cycle through the lessons. The object being shown will be written on the blackboard and pronounced aloud. The counting game involves counting Wanderoos on a basketball court and clicking on the correct number. For a nice surprise, click on the basketball hoop!

The campfire is the icon for playing the child's multimedia scrapbook which he will compile while playing wanderoo tag. By using the camera icon, he can collect movies and still pictures while viewing them on the "Magic Mirror." He can even add text to the scrapbook and print it.

The billboard begins the wanderoo tag portion of the program. This game has three levels of difficulty. The object is to find the six hiding wanderoos down the six paths of information. These paths are Air and

Water, Going Places, People, Plants, Animals and the World. Each wandroo wears a colored jumpsuit which matches his path.

While searching for the wandroos, the child can learn many facts from "The Magic Mirror." The mirror displays pictures and QuickTime videos related to the subject of the path. The mirror has five control buttons. An arrow button will show the next picture, and the camera button will take a picture for the multimedia album. The wandroo button will "zap" the player back to the water fountain which is at the center of the six paths. The button with "Aa" on it will cause a text to be shown and read aloud. Finally, a speaker button will play some sounds related to the current topic.

Capturing the wandroos is very easy. The child explores the various areas of the paths until the wandroo jumps onto the scene to a drum solo. The child simply places the cursor over the hopping wandroo and clicks. The captured wandroo will then be shown at the top of the screen.

Once a wandroo is captured, the child must earn some popcorn to prevent him from running away. At various points along the paths, one can see popcorn billboards. A mouse click on these billboards will take the child to a learning game. Five games are available matching numbers, pictures, sounds, letters and video. These games have three levels of difficulty. The program will automatically move the child to higher difficulty levels as he progresses or you can set the levels in the options menu.

The graphics in "The Wanderoos Go Exploring" are colorful and amusing. The still pictures and QuickTime videos are small in size and grainy in detail but that is the current state of the art. The animations are done well except that characters which talk do not have their lips synched to the sound track.

The sounds are excellent. The program is filled with bright little bits of music and even includes four songs. All narrations are enunciated well and easily understood. The voice actors speaking for the wandroos did a very good job of emoting. Plenty of sound effects are sprinkled throughout the program.

The program uses a point and click interface. It is fairly intuitive but audible help is available in all sections of the program by clicking on the question mark which is prominently placed on the top of the screen. The menus are hidden and are accessed by pressing alt-m. The manual is very thorough and contains a short troubleshooting guide.

"Wanderoos" is a fun game to play and my children have enjoyed it immensely. The vibrant colors and cheerful music kept them rapt at the monitor. Capturing the wandroos is easy but entertaining.

This program contains much information but it is questionable whether the child will pay much attention to the movies, pictures and stories in his quest for the wandroos. Some information will be assimilated but perhaps the child should be required to view more pictures and movies before he can capture a wandroo. The learning games in the schoolhouse are good but there is little interaction for the child except the counting game. The other games merely involve showing the letters or colors on the screen instead of having the child choose a particular item to answer a question.

Bang for the Buck is good. This program sells for about \$30. Children will be entertained for many hours while learning general information about plants, people, etc.

Ratings

Graphics	8.5
Sounds	9.0
Interface	8.5
Play Value	9.0
Educational Value ..	7.5
Bang for the Buck ..	8.5
Average	8.5

###

Thinkin' Things Collection 1 on CD-rom, separate DOS and Mac versions by;
Edmark
P.O. Box 3218
Redmond, WA 98073-3218
phone 206-556-8484

IBM Requirements:

CPU: 386-25 or better

Graphics: 256 color VGA

Hard Disk: 600K

Ram: 560k, 2 megs XMS

OS: MS-DOS 3.1 or later

CD-rom: Yes

Sound: Sound card recommended

Optional: microphone and touchwindow input are supported on IBM and Mac

Mac Requirements:

CPU: Color Mac or higher

Graphics: 16 colors, 256 preferred

Hard Disk: none

Ram: 4 meg, 5 with Sys 7.5

OS: System 6.0.1 or later

CD-rom: Yes

The CD-rom version is identical to the floppy disk version, only now you can save seven megs of hard drive space and play from the CD-rom.

Thinkin' Things Collection 1 is excellent for developing the creative thought processes in children ages four to eight. TT1 on floppy disk was reviewed in issue 1035 of STR which was published August 26, 1994.

Refer to that issue for more details. A brief summary follows:

TT1 offers children six activities which will encourage creativity and develop thinking skills. Two activities feature music to teach children instrument sounds, pitch and music theory by repeating patterns found in songs. The Fripple Shop game will help children develop logic, observation skills and learning to follow instructions by completing customer orders. Feathered Friends is a game in which the child assembles birds to complete a pattern. This activity develops visual discrimination, pattern recognition and completion, and assembling a whole object from parts. The final two activities feature BLOX. One activity features varied geometric shapes and the other features spheres. These activities develop spatial awareness, creativity and experimentation by allowing the child to use the objects to make intriguing designs from his own imagination.

TT1 features colorful graphics which are supplemented with many amusing animations. The program is filled with lively music, enthusiastic voice tracks and great sound effects. All the sounds are clear and audible. The interface is point and click. Most activities are explained upon starting but instructions cannot be accessed after that point. The manual is superb with instructions for all activities, suggestions for reinforcing the lessons with activities away from the computer and a thorough troubleshooting guide. Play value is very good as the activities are very entertaining. As the child outgrows the simpler activities, he can move to the BLOX games. Educational value is outstanding. TT1 is an

excellent value retailing for around \$35 at discounters.

But wait! That isn't all! Through the holidays, Edmark is including KidDesk Family Edition as a free bonus. KidDesk Family Edition was reviewed in STR1019 on May 6, 1994. KidDesk FE runs in Windows to provide a graphical user interface for your child while provided security for your computer. Your child can run his programs and cannot go to the Windows Program or File Managers.

But that isn't all that KidDesk FE provides. It has its own notepad for writing reminders to yourself. It has a mail system that allows the posting of messages from one family member to another. KidDesk FE also has a voice mail system so audible reminders can be sent to your loved ones. Desktop accessories have indicators to notify people if they have messages or voice mail waiting. The program also includes individual 13-month calendars and address databases for each user of KidDesk FE. KidDesk FE can be customized for each family member.

Another great feature of KidDesk FE is that it can run DOS programs from Windows. When properly configured, it will exit Windows and start the DOS program, then restart Windows when you quit that program. This will end the headache of having to remember every time you run a program whether it runs in DOS or Windows.

You can find this combination package for as little as \$35. Thinkin' Things Collection 1 is an excellent product and well worth the money. The addition of KidDesk Family Edition makes this an extraordinary value. If you already have KidDesk Family Edition, then give the included copy to a friend. The KidDesk package can be registered separately from TT1CD.

Ratings
(for TT1 CD only)

Graphics	8.0
Sounds	9.5
Interface	8.5
Play Value	8.5
Educational Value ..	9.5
Bang for the Buck ..	9.0
Average	8.83

###

Wallobee Jack in "The Lost Lionardo" dual format CD-rom for Windows/Mac by;

WordPerfect MainStreet
1555 N. Technology Way
Orem, UT 84057-2399
phone 800-451-5151

IBM Requirements

CPU: 486SX or higher
Graphics: 256-color VGA
Hard disk: 1 meg
Ram: 4 megs
OS: Windows 3.1
CD-rom: Double-speed
Sound: MPC compatible sound card

Mac Requirements

CPU: Color Mac or higher
Graphics: 256 colors
Hard disk: 0 k
Ram: 2.5 megs
OS: System 7.0
CD-rom: Double-speed

Wallobee Jack in "The Lost Lionardo" is an interactive cartoon experience

filled with lush graphics, animated surprises, outrageous accents and puzzles. WordPerfect claims this program is suitable for "ages 4&up."

The object of the game is to solve visual and audio puzzles to aid our two heroes, Wallobee Jack (an Australian kangaroo with a native accent) and Francesca Felini (an American cat), to scurry about the French countryside and find a lost painting of Leonardo DaVinci. You must also find hidden surprises to impede the progress of Wallobee Jack's nemesis, Dagon (a feisty crocodile). Also trying to foil our heroes are Felix De LaVictoire, a French descendant of Leonardo, and his two henchmen, Theo and Ruffus.

The interface is quite simple. When the player has nothing to do, the cursor will be an arrow. If Wallobee and Francesca need help solving a puzzle to get a clue, the cursor becomes a hand which the player uses to touch objects on the screen. When Dagon comes on the screen, the cursor becomes a magnifying lens which should be moved around the screen to find a hotspot. When the cursor is over the hotspot for that scene, it will turn into an Acme bomb. Clicking the cursor will trigger an animated sequence which foils Dagon in his quest for clues.

The game has two playing levels. It has a randomizing feature so the game will be different every time it is played. The puzzles don't have much educational value as they involve repeating a pattern or finding an object which is different from the rest of the group. This should help develop logic skills but sometimes the object is very difficult to discern.

The graphics are really beautiful. In some scenes, Wallobee and the other characters are superimposed over digitized backdrops. In others, the entire scene was painted on a computer. The colors are bright and vibrant. The program uses the full screen, not just a tiny window. The sound effects are excellent. The music creates a wonderful French atmosphere. The voice acting is done well but occasionally a thick accent will make it difficult to understand a character.

The interface is extremely simple and easy to use. I think it's too easy. There is no apparent way to pause gameplay or to save your progress and quit until later. Another problem is that the cursors are too small on a 14-inch monitor. It is difficult to see the magnifying glass being changed into an acme bomb when trying to rapidly move the mouse to find a hotspot. I would also like to see the option of removing the time limits so that younger children can play. Very few children under seven or eight years of age can probably play this game well although younger children do enjoy watching others play. Some puzzles are not adequately explained and no help function is available. Another feature of this game is that each time you fail to solve a puzzle, you must start at the beginning again. That can be very trying if you have nearly completed the game and then make a small mistake.

This game also suffers some very politically incorrect scripting. Felix De LaVictoire is constantly verbally abusing his henchmen. He calls them "stupid slobs" and compares them to "fat American hamburger-eating pigs." I might mention that this program is produced by French-Canadians. Other little digs at American culture include references to Dave Coulier and America's Funniest People, and Richard Simmons. This stuff can be shrugged off since it isn't aimed directly at the player and it is a bit humorous. On the other hand, Dagon the bad crocodile directly insults the player, calling him a loser, saying that his life is pathetic. Younger children may find this very objectionable. My children wondered why the villains were "so mean."

The game seems to be based on some theories of cartoons and humor from Jay Ward and his beloved "Bullwinkle Show." Rocket J. Squirrel, Bullwinkle Moose, and even the villains Boris Badenov and Natasha Fatale, alluded to the viewer. In "The Lost Lionardo," Wallobee, Francesca and Dagon all speak directly to the person at the computer. Also, the humor in this program works on two levels. Jokes are included that only an adult will fully understand but most of us can appreciate the humor directed at the younger audience. For example, the sign outside the Louvre reading "We got tons of really expensive old stuff" isn't going to mean much to a child who cannot read.

Because of the randomization factor, this game will get many plays before children completely tire of it. This program is similar to the Carmen SanDiego series but it does lack the progression of skill ratings that SanDiego uses to encourage children to continue playing. The action in "The Lost Lionardo" is quite humorous and engaging if you aren't offended by uncouth actions of the villains.

This is not an education package, but more for entertainment. The program sells for around \$30 to \$35. It can be fun for your younger children if you play it with them. Children over seven can play this game by themselves. I think this would be a fun program for someone to play who is just getting started with computers. Novell/WordPerfect offers a 90-day money back guarantee so you can take this product home and try it. If you don't like it, you can return it to the point of purchase with all packaging and receipts for a complete refund.

Ratings

Graphics	9.0
Sounds	8.5
Interface	7.0
Play Value	8.0
Educational Value	N/A
Bang for the Buck	7.5
Average	8.0

###

IVI Publishing, the publisher of the Mayo Family Clinic CD-rom, has released four new CD-rom products in Windows and Macintosh formats for children.

Two of these titles are in association with Time-Life for Children Books. The first is "What Is a Bellybutton?" and it is adapted from the book of the same name. The program uses question-and-answer activities along with thirteen interactive games to teach the names of body parts, nutrition, health care and more. This CD-rom can answer many "Why?" questions that youngsters ask.

The second title is "Welcome to Bodyland" and it is based on the book, "Our Bodies." "Bodyland" uses animations, sound effects and fourteen original songs to guide children ages five to eleven on a tour of the human body. Children will learn many fascinating biology facts and can even test their knowledge in a 90-question quiz.

IVI also has released two programs based on the participation of Mayo Clinic physicians and specialists. "AnnaTommy" is game of exploring the interior of the human body. Take a ride in a special craft similar to

"Fantastic Voyage." This program teaches biology, anatomy and logic to children ages eight and older. Anna and Tommy aid the child in navigating through the human body, correcting malfunctioning body systems and organs along the way. The program includes fun arcade games to simulate real-life activities. Twenty-eight multi-level games must be won to conclude the voyage.

The final title is "Safety Monkey." This program is aimed at children ages three to eight. Help Safety Monkey correct potential safety hazards in through fifteen environments. Children learn the correct procedures for handling a fire, riding a bicycle and even what to do with the toilet seat. Children will learn how to deal with telephone calls and strangers. Songs in the program reinforce the safety lessons which are learned.

These four IVI programs will sell for around \$35. Look for reviews of all these programs in the coming weeks.

###

I have received evaluation copies of the following WordPerfect MainStreet Children's programs:

Read with Me 1 & 2 is a Windows program for children ages three to seven. Reading 1 teaches shapes, letters, colors and numbers to younger children while Reading 2 teaches word-building concepts and emphasizes the link between letters and sounds.

Write with Me is another Windows program. It is a word processor for children ages four to ten. Children can create their own cards, signs, letters and books while learning the alphabet, word recognition and developing writing skills. Children will also use various word processing features such as fonts, graphics, cutting, pasting, saving, deleting and printing.

Mental Math is a DOS program aimed at children ages six to fourteen. Children learn addition, subtraction, multiplication, division, fraction, decimal and percent problems while playing seven arcade games.

Memphis Math is a Windows program for children ages eight to fourteen. Children solve fraction, decimal and percent problems while enjoying the adventure of exploring ancient Egyptian tombs and collecting artifacts.

Look for upcoming reviews of these products as well. Also in the review cue are Sanctuary Woods' Word Stuff and Adventures in Math. Edmark's Sammy's Science House, Bailey's Book House and Imagination Express are to be reviewed as well.

It appears that I have much work ahead of me. I hereby am seeking associate reviewers and writers. Send samples of your writing, preferably on children's software, to me at the addresses listed at the end of this article. If you have reviewed something recently which has not been examined in "The Kids' Computing Corner," send it along and perhaps it will be published. Articles should be in either ASCII or Windows Write format. If you make the grade, we will work out details on what evaluation software programs you would review for this magazine. All writers who are published will be credited with a byline.

To apply for writing assignments or to make comments, suggestions or just say hi, contact me via these addresses:

FidoNET: Frank Sereno at 1:2235/10
Internet: frank.sereno@uti.com
U.S. Mail: 528 West Ave.
Morris, IL 60450-1768

As always, I thank you for reading!

> ZEOS International STR FOCUS! Everything you need to know about...

ZEOS International, Ltd,
Products Guide.

November 1994

The Computer Company That Gives You More.

For more than a decade, ZEOS has been doing everything possible to provide you, the customer, with the highest-quality, most advanced systems available. Because of our unwavering dedication to this goal, ZEOS has become a formidable force in the computer industry. As a leader, we are committed to giving you an excellent value on state-of-the-art machines with superior features and extras that will increase your productivity... and enhance your business.

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ZEOS designs and manufactures high-quality, high-performance machines with only the best components and features seldom found in other comparably priced systems. That's why we've won dozens of industry awards for quality, speed, and reliability. To maintain this excellence, we manage our own research and development subsidiary, PC Tech. Many of our systems -- including the award-winning Pantera -- are original designs from start to finish. As "Computer Shopper" said: "ZEOS set the standard."

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Extras Included

For maximum value to you and your business, we've included many extras standard.

Compatible systems. All ZEOS desktop and vertical PCs are 100% compatible with every major operating system on the market including Novell NetWare. To ensure complete compatibility, we've even established our own on-site Novell certification lab.

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Pantera features PCI Local Bus for enhanced performance of input/output devices. PCI delivers 32-bit data at a rate up to 132MB per second.

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For super-fat video performance, all Pantera PCs include a new 64-bit PCI video card.

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All Pantera systems are 100% compatible with every major network operating system -- including Novell Netware.

--

Leading experts from top industry publications all agree that the ZEOS Pantera is the best PC you can buy. Unparalleled in its field, the Pantera has continuously earned award after award -- month after month.

No desktop system comes close to the Pantera in performance, reliability and value. As "PC/Computing" said: "Rocket-fast performance and a great price make this our favorite Pentium of the lot."

The ZEOS Pantera, based on Intel's 486, DX4 and Pentium processors, is breaking record after record with its supreme power and awesome performance.

"Mark a new high on the performance chart! They don't come any faster." "PC World" said Pentium-66 and Pentium-90 Pantera PCs were "the fastest system(s) ever tested."

The ZEOS Pantera 66MHz and 90MHz PCs also received the highest scores in all benchmark tests run by "Windows Sources". They said "the Pantera rose above the crowd and posted the most impressive performance numbers."

What makes the Pantera blow all the others away -- time after time? We start with a ZEOS designed motherboard, one that is created specifically to take full advantage of the latest technological advancements. The motherboard is stocked with exceptional features such as on-board PCI Local Bus IDE Controller supporting up to four IDE devices. We also add a 64-bit PCI video card standard for the fastest video performance available.

The ZEOS Pantera is a first-rate example of ZEOS' commitment to provide you with an award-winning machine at an excellent value that will make you more productive. With all the extras and options, you can't go wrong. "PC/Computing" agrees: "We suggest you spend your money on this machine

-- it offers the best value of any system we tested."

Unequalled in performance, reliability and value, the ZEOS Pantera "is the ultimate Power Desktop." "PC World" added, "It's lightning fast, beautifully configured, and priced right. That's what power Best Buy is all about."

Standard With Every ZEOS Pantera System

- * Genuine Intel Processor. ZIF socket for easy upgrading.
- * 64-bit PCI local bus SVGA color graphics card with 1MB RAM, upgradable to 2MB.
- * Two high-speed serial ports and one enhanced parallel port on the motherboard.
- * Three PCI and five ISA slots.
- * Socket for optional on-board Fast SCSI-2.
- * Flash BIOS for easy upgradability.
- * Six-bay desktop case with two cooling fans.
- * 200W power supply with built-in surge suppressor. Switchable between 115/230V.
- * ZEOS 101-key space-saving keyboard.
- * FCC Certified Class B; UL listed.
- * Complete ZEOS Customer Satisfaction Package.

Pentium Extras

- * RAM expandable to 192MB.
- * Business audio integrated on the motherboard.

486 Extras

- * RAM expandable to 128MB.
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Package #1

486SX-33	\$1445
486DX-33	\$1545
486DX2-66	\$1595
DX4-100	\$1945
Pentium-60.....	\$1945
Pentium-66.....	\$2095
Pentium-90.....	\$2195

- * 4MB RAM
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- * 3.5" 1.44MB floppy disk drive
- * 64-bit Windows-accelerated PCI local bus SVGA graphics card with 1MB RAM
- * ZEOS 14" 1024 x 768 non-interlaced SVGA color monitor, .28mm dot pitch
- * Six-bay desktop case with two cooling fans
- * MS-DOS 6.2, Windows for Workgroups 3.11, Microsoft Mouse

Package #2

486SX-33	\$1745
486DX-33	\$1845
486DX2-66	\$1895
DX4-100	\$2245
Pentium-60.....	\$2245
Pentium-66.....	\$2395
Pentium-90.....	\$2495

- * 8MB RAM

- * 528MB local bus IDE hard drive with 256K cache
- * 2X CD-ROM drive, 1.44MB floppy drive.
- * 64-bit Windows-accelerated PCI local bus SVGA graphics card with 1MB RAM
- * ZEOS 14" 1024 x 768 non-interlaced SVGA color monitor, .28mm dot pitch
- * Six-bay desktop case with two cooling fans
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Package #3

486SX-33	\$2245
486DX-33	\$2145
486DX2-66	\$2445
DX4-100	\$2745
Pentium-60.....	\$2745
Pentium-66.....	\$2895
Pentium-90.....	\$2995

- * 16MB RAM
- * 720MB local bus IDE hard drive with 128K cache
- * 2X CD-ROM drive, 1.44MB floppy drive.
- * 64-bit Windows-accelerated PCI local bus SVGA graphics card with 1MB RAM
- * ZEOS 15" 1024 x 768 non-interlaced SVGA color monitor, .28mm dot pitch
- * Six-bay desktop case with two cooling fans
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Pentium-66.....	\$3395
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- * 24MB RAM
- * 1GB local bus IDE hard drive with 256K cache
- * 2X CD-ROM drive, 1.44MB floppy drive
- * 64-bit Windows-accelerated PCI local bus SVGA graphics card with 1MB RAM
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* 1 to 2MB Video RAM Upgrade	\$59
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* 16-Bit Sound Card (Sound Blaster and Adlib compatible.)	\$99
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Power

* 300W Power Supply Upgrade	\$50
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Software

* Microsoft Windows NT (32-bit operating system for client-server computing.)	\$329
* Lotus SmartSuite bundle upgrade (Five Windows applications in one box! For packages 3 and 4)	\$299

For more options, see ACCESSORIES

The Compatible Solution To Your Network Needs

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And, your ZEOS Pantera Server is 100% compatible with all major network operating systems on the market.

Standard With ZEOS Pantera Server:

- * Genuine Intel Pentium processor. ZIF socket for easy upgrading.
- * 256K SRAM cache.
- * RAM expandable to 192MB on the motherboard.
- * 64-bit PCI local bus SVGA color graphics card with 1MB RAM, (16.7 million colors) upgradable to 2MB.
- * Two high-speed serial ports and one enhanced parallel port on the motherboard.
- * Eight expansion slots, three PCI and five ISA.
- * 32-bit PCI local bus SCSI controller card.
- * Flash BIOS for easy upgradability.
- * Ten-bay vertical case with two cooling fans.
- * 200 watt power supply with built-in surge suppressor. Switchable between 115/230V.
- * ZEOS 101-key space-saving keyboard.
- * FCC Certified Class B; UL Listed.
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- * 16MB RAM, 256K SRAM cache
- * High-speed 1GB SCSI hard drive
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- * PCI SCSI controller card
- * ZEOS 14" 1024 x 768 non-interlaced SVGA color monitor, .28mm dot pitch
- * MS-DOS 6.2, Windows for Workgroups 3.11, Microsoft Mouse

Package 2

Pentium-60.....	\$4145
Pentium-66.....	\$4295
Pentium-90.....	\$4395

- * 24MB RAM, 256K SRAM cache
- * High-speed 2GB SCSI hard drive
- * 2X CD-ROM drive and 3.5" 1.44MB floppy drive
- * 64-bit Windows-accelerated PCI local bus SVGA graphics card with 1MB RAM
- * PCI SCSI controller card
- * ZEOS 14" 1024 x 768 non-interlaced SVGA color monitor, .28mm dot pitch
- * MS-DOS 6.2, Windows for Workgroups 3.11, Microsoft Mouse

Favorite Options:

Hard Drive Upgrade

- * 1GB to 2GB\$680

Memory

- * System MemoryCall

* Upgrade from 256K System Cache to 512K System Cache\$249

Modems

* 96/48/24 Send/Receive Fax Modem\$49
* Internal 14.4/14.4 Send/Receive Fax Modem\$129

Networking

* ZNYX EtherAction 32
(32-bit PCI Ethernet LAN adapter. Includes 10Base5, 10Base2, and
10BaseT connections.)\$199
* Intel TokenExpress 16/4
(Both UTP and STP connections.)\$479

Accessories

* Upgrade from a 14" to a 15" Monitor
(ZEOS SVGA NI, 1024 x 768, flat screen)\$95
* HP 35480 Internal Tape Backup
(1.3-8GB, includes tape backup software.).....\$1495
Software: (Colorado backup software for DOS/Windows)\$49
* NEC 3X CD-ROM Internal Drive Upgrade
(Multisession, MPC Compliant [1&2] CD-ROM.)\$349

Power

* 300W Power Supply Upgrade\$50

Software

* Microsoft Windows NT
(32-bit operating system for client-server computing.)\$329

Your Nodes

ZEOS Ambra computers are not just another line of systems. They're the ultimate nodes or ideal home office computers. Why ultimate and ideal? What's new? On-board VESA local bus video, larger system cache, larger hard drives and now the option of a 486SX, 486DX, or 486DX2 microprocessor. Even better, our prices are now lower than ever!

Some things don't change -- and don't need to. We include the same quality ZEOS components and many choice extras. Standard are an upgradeable CPU, 128K SRAM cache for faster access, enough bays to add a 5.25" floppy, CD-ROM, and tape backup, and five expansion slots -- two on the VESA local bus. All this in a space-saving slimline case.

It's a little powerhouse that's great for word processing or intense spreadsheets. Whether it's plugged into your network or plugging away at the home office, ZEOS Ambra computers are the sensible systems that won't cramp your style or take a bite out of your wallet.

Standard with every ZEOS LiteLine AMBRA:

- * Genuine Intel 486 microprocessor.
- * Intel's Pentium OverDrive upgrade socket.
- * 128K SRAM cache.
- * Two serial ports, one parallel port and one mouse port integrated.
- * Five expansion slots: two VESA local bus and three 16-bit ISA.
- * Small footprint case with four bays.
- * System speed selectable through the keyboard.
- * 200 watt power supply, switchable between 115/230V.

- * ZEOS 101-key space-saving keyboard.
- * Password feature built-in ROM for security.
- * EPA Energy Star Compliant.
- * FCC Certified Class B; UL listed.
- * ZEOS Customer Satisfaction Package.

Package #1

486SX-33	\$1195
486DX-33	\$1295
486DX2-50	\$1295
486DX2-66	\$1345

- * 4MB RAM
- * 214MB IDE hard drive, 32K cache
- * 3.5" 1.44MB floppy drive
- * VESA local bus SVGA color video
- * ZEOS 14" 1024 x 768 NI SVGA color monitor, .28mm dot pitch
- * MS-DOS 6.2 w/Enhanced Tools, Windows for Workgroups 3.11, Microsoft Mouse

Package #2

486SX-33	\$1395
486DX-33	\$1495
486DX2-50	\$1495
486DX2-66	\$1545

- * 8MB RAM
- * 340MB IDE hard drive, 128K cache
- * 3.5" 1.44MB floppy drive
- * VESA local bus SVGA color video
- * ZEOS 14" 1024 x 768 NI SVGA color monitor, .28mm dot pitch
- * MS-DOS 6.2 w/Enhanced Tools, Windows for Workgroups 3.11, Microsoft Mouse

Favorite Options:

Hard Drive Upgrade

* 214MB to 340MB Upgrade	\$50
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Video Upgrade

* 512K to 1MB Video RAM Upgrade	\$49
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Modem

* 96/48/24 Send/Receive Fax Modem	\$49
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Floppy Disk Drives

* 5.25" 1.2M Floppy Disk Drive	\$69
* Dual 1.2MB/1.44MB Floppy Disk Drive Upgrade	\$98

Networking

* Diskless Workstation

(Package #1 without hard drive, floppy disk drives and software)	
486SX-33 diskless workstation	\$995
486DX-33 diskless workstation	\$1095
486DX-50 diskless workstation	\$1095
486DX-66 diskless workstation	\$1145

* Intel EtherExpress 16

(AUI and 10BT)	\$119
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* Intel EtherExpress 16

(AUI and Coax)	\$119
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* Intel TokenExpress 16/4 (UTP and STP)	\$479
* Ethernet Boot PROM (Specify Novell or Microsoft LAN Manager 2.0.)	\$39
* Token Ring Boot PROM (Programmable for either Novell, Microsoft LAN Manager, IBM LAN Server or PC LAN.)	\$79

Accessories

* Upgrade from a 14" to a 15" Monitor (ZEOS SVGA NI, 1024 x 768, flat screen)	\$95
* Colorado 250MB Internal Tape Backup (80 to 250MB includes backup software.)	\$159
* Complete Multimedia Package (2X CD-ROM, 16-bit sound card, stereo speakers.)	\$299

The Ultimate Subnotebook -- ZEOS Meridian 400

--

Now available with your choice of screens -- active matrix color, passive matrix color or monochrome display.

--

For super-fast notebook computing, the Meridian 400 is available with Intel's DX4-100 microprocessor.

--

The Meridian 400 features two type II PCMCIA slots for fax/modem, network cards, sound cards, and more.

--

The Meridian 400 is molded with a special carbon-fiber material that cuts weight and improves durability.

--

Finally, a color subnotebook that's powerful enough to take anywhere. Travel around the world or to the highest peak. At 3.9 pounds, the ZEOS Meridian 400 is the perfect companion and the ultimate subnotebook!

To meet your needs completely, we offer you power, speed and memory choices -- genuine Intel 486SX-33, 486DX2-50 or DX4-100 microprocessors; 4 or 8MB RAM user upgradable to 20MB; and IDE hard drive from 175MB to 350MB.

The Meridian 400 also offers you screen choices -- a 7.8" diagonal passive matrix color screen, a 7.8" diagonal active matrix color screen or an 8.2" diagonal monochrome display.

You also get the latest and hottest features: high speed local bus video for super-fast video performance; two type II PCMCIA slots for fax/modem, network, SCSI and sound cards; and a comfortable 84-key keyboard with inverted "T" arrow keys and an integrated TruePoint(TM) pointing device.

With the Meridian 400, there's no need to worry about traveling. Built

for the road, the tough case is molded with a special carbon-fiber material that cuts weight and improves durability.

With the ZEOS Meridian Subnotebook's light weight, super power, awesome performance, and technologically-advanced features, you'll be able to keep in touch with the office, organize your calendar, and work on priority documents -- wherever you are.

Standard With Every ZEOS Meridian 400C

- * Intel 486SX-33, 486DX2-50 or DX4-100 microprocessor.
- * 8K (DX4: 16K) internal system cache.
- * RAM expandable to 20MB.
- * IDE hard drive upgradable to 350MB.
- * 2 PCMCIA slots, Type II
- * High-speed local bus video with 1MB video RAM.
- * 400C Display: 640 x 480 STN color VGA backlit LCD, 7.8" diagonal up to 256 colors.
- * Simultaneously supports an external SVGA color monitor at resolutions up to 1024 x 768.
- * 84-key keyboard with embedded numeric keypad and 12 dedicated function keys, inverted "T".
- * Eraser-shaped integrated TruePoint(TM) pointing device.
- * Replaceable and rechargeable NiMH battery.
- * Serial port, enhanced parallel port, keyboard or PS/2 mouse port, external VGA video port, and external floppy drive port.
- * Full power management features include Low Power mode and programmable Standby features.
- * AC-DC adapter with full range from AC110-240V to DC
- * 7.8" x 10.2" x 1.7"; 3.9lbs.
- * EPA Energy Star compliant.
- * FCC Certified Class B; UL Listed.
- * Complete ZEOS Customer Satisfaction Package.

Package #1

486SX-33	\$1995
486DX2-50.....	\$2195
DX4-100	\$2495

- * 4MB RAM
- * 175MB IDE hard drive
- * MS-DOS 6.2

Package #2

486SX-33	\$2295
486DX2-50.....	\$2495
DX4-100	\$2795

- * 4MB RAM
- * 260MB IDE hard drive
- * External 3.5" 1.44MB floppy drive
- * Custom carrying case
- * MS-DOS 6.2
- * Microsoft Windows for Workgroups 3.11
- * Lotus Organizer

Save \$72 by getting these features as a package!

Package #3

486SX-33	\$2595
486DX2-50.....	\$2795

DX4-100\$3095

- * 8MB RAM
- * 350MB IDE hard drive
- * External 3.5" 1.44MB floppy drive
- * Custom carrying case
- * Extra battery
- * MS-DOS 6.2
- * Microsoft Windows for Workgroups 3.11
- * Lotus Organizer

Save \$212 by getting these features as a package!

Favorite Options

Screens

- * Monochrome Display Option -- from 400C to 400
(640 x 480 VGA backlit LCD display, 8.2" diagonal.).....-\$300
- * Active Matrix Display Upgrade -- from 400C to 400A
(640 x 480 VGA color backlit LCD display, 7.8" diagonal
up to 256 colors.)\$700

Hard Drive Upgrades

- * 175MB to 260MB\$95
- * 260MB to 350MB\$145
- * 175MB to 350MB\$240

Memory Upgrades

- * 4MB to 8MB\$196
- * 8MB to 20MB\$999
- * 4MB to 20MB.....\$1195

PCMCIA Cards

- * Modems
 - PCMCIA 24/96 Data/Fax Modem with Internal DAA\$149
 - PCMCIA 14.4/14.4 Data/Fax Modem with Internal DAA\$199
- * Networking
 - PCMCIA Ethernet Adapter
 - (The only card on the market with phantom network binding.)
 - 10 Base T (Twisted Pair)\$139
 - 10 Base 2 (Coax)\$169
- * PCMCIA Bus Toaster SCSI Adapter
 - (with Corel SCSI 2.0 software.)\$199
- * PCMCIA 16-Bit Stereo Sound Card
 - (with Microsoft's Sound System 2.0.)\$279

PCMCIA Slots

- * Front Drive Bay PCMCIA SwapBox
 - (Easily share peripherals between platforms. Installs into
3.5" drive bay.)\$159
- * Rear Access PCMCIA SwapBox
 - (Easily share peripherals between platforms. Installs into
rear access socket.)\$99

Floppy Disk Drive

- * External 3.5" 1.44MB Floppy Disk Drive (9 oz.)\$99

Accessories

- * 14" SVGA Color Monitor
 - (For simultaneous display -- great for presentations!
With notebook purchase.)\$295

* 101-Key External Keyboard	\$49.95
* External Numeric Keypad	\$79
* Microsoft PS/2 Mouse	\$79
* Special Package Price: 14" SVGA Color Monitor, Keyboard, and Mouse (with notebook purchase)	\$349
* Custom Nylon Carrying Case	\$79
* Custom Leather Carrying Case	\$178

Power

* Extra battery	\$99
* Extra AC Adapter	\$69
* DC-AC Adapter (Run your system in your car, boat, or other vehicle.)	\$59
* Telemax surge suppressor	\$69

Software

* Microsoft Windows for Workgroups 3.11	\$99
* WinLynx (For file transfer.)	\$99

The Highest Point In Notebook Commputing -- ZEOS Meridian 800.

--

With a generous 10.3" diagonal dual-scan color display, the Meridian 800C is the perfect notebook for presentations and desktop computing.

--

For super-fast notebook computing, the Meridian 800C is available with Intel's DX4-100 microprocessor.

--

The Meridian 800C features two Type II or one Type III PCMCIA slots for fax/modem, network cards, sound cards, hard drives, and more.

--

With the ZEOS Meridian 800's removable hard drive, it's easy to upgrade your system to a larger capacity, archive your documents, and keep your data secure.

--

Moving around your screen is a breeze with TruePoint(TM); the conveniently located, easy-to-use, integrated pointing device.

--

At last, desktop power to go. Work at home, in the office or on a plane. At 6.3 pounds, the Meridian 800C is light enough to travel anywhere yet it's large enough to use for presentations and regular desktop computing. You get the best of both worlds!

What makes the Meridian 800C so ideal? Durable sturdy construction that will travel anywhere, incredible power and performance that will take you to new heights, and more options than a road map. We start with your choice of processors -- a genuine Intel 486SX-33, 486DX2-50 or DX4-100.

You also get the option of 4 or 8MB of memory user upgradable to 20MB, and removable hard drives from 175MB to 350MB.

For your viewing pleasure, the Meridian 800C screen is a whopping 10.3" on the diagonal and employs dual-scan technology for a crisp, vibrant display that's comparable to that of a color desktop monitor. The Meridian 800 also includes high speed local bus video for super-fast video performance; one type III or two type II PCMCIA slots for fax/modem, network, SCSI, hard drive and sound cards; an internal 3.5" 1.44MB floppy drive; an ergonomic palm rest; and an 84-key keyboard with inverted "T" arrow keys and an integrated TruePoint(TM) pointing device.

With the ZEOS Meridian 800C color notebook, the choices are endless and the power is unearthly. It's the answer to all your portable needs.

Standard With ZEOS Meridian 800C

- * Intel 486SX-33, 486DX2-50 or DX4-100 microprocessor.
- * 8K (DX4: 16K) internal system cache.
- * RAM expandable to 20MB.
- * Removable IDE hard drive upgradable to 350MB.
- * PCMCIA slots: 2 Type II or 1 Type III.
- * High-speed local bus video with 1MB video RAM.
- * Display: 640 x 480 STN color VGA backlit LCD, 10.3" diagonal, up to 256 colors.
- * Simultaneously supports an external SVGA color monitor at resolutions up to 1024 x 768.
- * 84-key keyboard with embedded numeric keypad and 12 dedicated function keys, inverted "T".
- * Eraser-shaped integrated TruePoint(TM) pointing device.
- * Replaceable and rechargeable NiMH battery.
- * Serial port, enhanced parallel port, keyboard or PS/2 mouse port, external VGA video port, and external floppy drive port.
- * Full power management features include Low Power mode and programmable Standby features.
- * AC-DC adapter with full range from AC110-240V to DC
- * 8.9" x 11.7" X 1.9"; 6.3lbs.
- * EPA Energy Star compliant.
- * FCC Certified Class B; UL Listed.

Package #1

486SX-33	\$2295
486DX2-50.....	\$2495
DX4-100	\$2795

- * 4MB RAM
- * 175MB IDE hard drive
- * Internal 3.5" 1.44MB floppy disk drive
- * MS-DOS 6.2

Package #2

486SX-33	\$2495
486DX2-50.....	\$2695
DX4-100	\$2995

- * 4MB RAM
- * 260MB IDE hard drive
- * Internal 3.5" 1.44MB floppy disk drive
- * Custom carrying case
- * MS-DOS 6.2

* Microsoft Windows for Workgroups 3.11
* Lotus Organizer
Save \$73 by getting these features as a package!

Package #3

486SX-33	\$2795
486DX2-50	\$2995
DX4-100	\$3295

* 8MB RAM
* 350MB IDE hard drive
* Internal 3.5" 1.44MB floppy disk drive
* Custom carrying case
* Extra battery
* MS-DOS 6.2
* Microsoft Windows for Workgroups 3.11
* Lotus Organizer

Save \$213 by getting these features as a package!

Favorite Options

Hard Drive Upgrades

* 175MB to 260MB	\$95
* 260MB to 350MB	\$145
* 175MB to 350MB	\$240

Memory Upgrades

* 4MB to 8MB	\$196
* 8MB to 20MB	\$999
* 4MB to 20MB	\$1195

PCMCIA Cards

* Modems
 PCMCIA 24/96 Data/Fax Modem with Internal DAA\$149
 PCMCIA 14.4/14.4 Data/Fax Modem with Internal DAA\$199
* Networking
 PCMCIA Ethernet Adapter
 (The only card on the market with phantom network binding.)
 10 Base T (Twisted Pair)\$139
 10 Base 2 (Coax)\$169
* PCMCIA Bus Toaster SCSI Adapter
 (with Corel SCSI 2.0 software.)\$199
* PCMCIA Hard Drives
 PCMCIA 105MB Hard Drive\$395
 PCMCIA 170MB Hard Drive\$495
* PCMCIA 16-Bit Stereo Sound Card
 (with Microsoft's Sound System 2.0.)\$279

PCMCIA Slots

* Front Drive Bay PCMCIA SwapBox
 (Easily share peripherals between platforms. Installs into
 3.5" drive bay.)\$159
* Rear Access PCMCIA SwapBox
 (Easily share peripherals between platforms. Installs into
 rear access socket.)\$99

Accessories

* 14" SVGA Color Monitor
 (For simultaneous display -- great for presentations!
 With notebook purchase.)\$295
* 101-Key External Keyboard\$49.95

* External Numeric Keypad	\$79
* Microsoft PS/2 Mouse	\$79
* Special Package Price: 14" SVGA Color Monitor, Keyboard, and Mouse (with notebook purchase)	\$349
* Custom Nylon Carrying Case	\$79
* Custom Leather Carrying Case	\$178

Power

* Extra battery	\$99
* Extra AC Adapter	\$69
* DC-AC Adapter (Run your system in your car, boat, or other vehicle.)	\$59
* Telemax surge suppressor	\$69

Software

* Microsoft Windows for Workgroups 3.11	\$99
* WinLynx (For file transfer.)	\$99

A Traveler's Dream At An Ideal Fare...

What a dream! The ZEOS Contenda subnotebook is small enough to tuck away in your briefcase and so light you'll forget you have it. With a starting price of just \$995, it's the perfect traveling companion.

This very affordable subnotebook is available with your choice of Intel processors -- 386SL or 486SL -- running at 25MHz. And the Contenda's processor extends your battery life significantly -- because it's intelligent enough to power-down the memory, disks and fax modem when they're not in use.

The Contenda's a pleasure to use with features such as a high-resolution backlit screen that's crisp and vibrant. A built-in trackball so you won't have to tote a mouse around. And with 80MB or 120MB hard drives, memory up to 10MB and weight of less than four pounds, it's one powerful, portable Windows workhorse!

Standard With Every Contenda:

* 25MHz 386SL or 486SL Intel microprocessor.
* RAM expandable to 8MB(486SL), 10MB(386SL).
* 486SL: IDE hard drive up to 120MB.
* Display: 640 x 480 VGA backlit, .23mm dot pitch, 7.4" diagonal.
* 256K (386SL) or 512K (486SL) video RAM.
* Supports simultaneous display with external monitor.
* Replaceable and rechargeable NiMH battery.
* 80-key keyboard and embedded numeric keypad, built-in trackball.
* Serial, parallel, external video port, and ports for optional internal fax/modem and external floppy drive.
* 486SL version includes 3.3v technology, PI local bus, built-in math coprocessor, high-speed floppy drive controller.
* AC-DC adapter with full range from AC110 - 240V to DC.
* Power management features.
* Password feature built into ROM.
* 9.7" x 6.1"; 3.9 lbs.
* EPA Energy Star Compliant.
* FCC Certified Class B; UL listed.
* Complete ZEOS Customer Satisfaction Package.

386SL Contenda\$995
486SL Contenda\$1195
* 4MB RAM
* 80MB IDE hard drive

Package #2
386SL Contenda\$1295
486SL Contenda\$1495
* 4MB RAM
* 80MB IDE hard drive
* External 3.5" floppy disk drive
* MS-DOS 6.2
* Microsoft Windows for workgroups 3.11
* Lotus Organizer

Save up to \$96 by getting these features as a package!

Package #3
386SL Contenda\$1595
486SL Contenda\$1795
* 4MB RAM (386SL)
8MB RAM (486SL)
* 80MB IDE hard drive (386SL)
120MB IDE hard drive (486SL)
* External 3.5" 1.44MB floppy disk drive
* Internal fax modem
* Extra battery
* Custom carrying case
* MS-DOS 6.2
* Microsoft Windows for Workgroups 3.11
* Lotus Organizer

Save up to \$217 by getting these features as a package!

Favorite Options

Hard Drive Upgrade

* 120MB Hard Drive Upgrade
(486SL only)\$95

Memory Upgrades

* 386SL: 2MB to 4MB\$99
* 386SL: 4MB to 10MB\$396
* 386SL: 2MB to 10MB\$495
* 486SL: 4MB to 8MB\$198

Modems

* Internal 9600 Send Fax 2400 Data Modem\$49
* External Pocket 14.4 Send/Receive Fax Modem\$269

Floppy Disk Drives

* External 3.5" Floppy Disk Drive\$99

Networking

* External Xircom Ethernet Adapter
(Specify 10BT or Coax)\$349

Accessories

* 14" SVGA Color Monitor
(For simultaneous display.)\$295
* Genovation Parallel Port Keyboard
(Full size 101-key keyboard.)\$129

* External Numeric Keypad	\$79
* Microsoft Serial Mouse	\$79
* Custom Nylon Carrying Case	\$79
* Custom Leather Carrying Case	\$178

Power

* Extra Battery	\$99
* External Charging Stand	\$79
* Extra AC Adapter	\$69
* DC-DC Adapter	\$49
* Telemax Surge Suppressor	\$69

Software

* WinLynx (For file transfer.)	\$99
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OPTIONS AND ACCESSORIES

ZEOS CUSTOM-BUILT SYSTEMS

Flexible Options To Custom Design Your ZEOS System.

ZEOS offers you money-saving packages (many ready to ship the same day you order) or the option to custom build a system to your exact computing needs. For the greatest flexibility, choose from the numerous accessories and upgrades below and on the following pages. We make it easy to design your own system -- just follow these five steps:

1. Start with any of ZEOS system package listed in this catalog.
2. Add features using the charts below or the options listed. New options are added regularly. If you don't see exactly what you want, be sure to call ZEOS for a more extensive list.
3. Upgrade prices are shown where indicated. If you wish to purchase an item on its own, or have a question about volume purchases, give us a call. We welcome the opportunity to put together a quote.
4. When you're ready to order, simply call us toll-free at 800-423-5891 or you can fax your order to 612-362-1205. A ZEOS Systems Consultant will call to confirm your order, configuration and price.
5. Please remember, to get upgrades at the price shown, orders should be placed at the time of system purchase.

P.S. Prices and specifications are subject to change without notice.
Call 800-423-5891 to confirm prices before ordering.

HARD DRIVE UPGRADES

IDE Hard Drive Upgrades

(Example: If the hard drive in your base system is a 214MB hard drive, use the 214MB column for determining your upgrade cost.)

Upgrade From >:	214MB	340MB	528MB	720MB	2nd drive	Price as
Upgrade To \/:						

214MB, 16ms
 Seagate ST3243A x x x x \$245

340MB, 12ms
 Quantum
 ProDrive 340 \$50 x x x \$295

528MB, 12ms
 Seagate ST5660A \$95 \$45 x x \$340

720MB, 12ms
 Western Digital
 WDAC2700 \$230 \$180 \$135 x \$475

1GB, 12ms
 Seagate ST31220A \$390 \$340 \$295 \$160 \$635

SCSI Hard Drive Upgrades
 (Requires SCSI host controller.)

Upgrade From >:	214MB	340MB	528MB	720MB	2nd drive
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245MB, 12ms
 Seagate ST3283N \$125 \$75 x x \$370

452MB, 12ms
 Seagate ST3550N \$245 \$195 \$150 x \$490

1.0GB, 10ms
 Quantum Prodrive
 1050s \$545 \$495 \$450 \$315 \$190

2GB, 13ms
 Seagate ST42100N \$1225 \$1175 \$1130 \$995 \$1470

MONITORS

		Upgrade from 14"	Upgrade From 15"
* ZEOS 15" Color SVGA	\$95	---	
SVGA color monitor, 1024 x 768, refresh up to 72MHz, .28mm dot pitch, Flat screen, Energy Star compliant.			
* NEC XE15 15" Color SVGA	\$390	\$295	
SVGA Multiscan color monitor, 1024 x 768, refresh up to 76MHz, .28mm dot pitch, Flat screen, with OptiClear(TM), MPR II, Nutek, Energy Star Compliant			
* ZEOS 17" Color SVGA	\$490	\$395	
SVGA Multiscan color monitor, 1280 x 1024, refresh up to 72MHz, .27mm dot pitch, Flat screen, MPR II, Energy Star Compliant			

* NEC XE17 17" Color SVGA	\$890	\$795
SVGA Multiscan color monitor, 1024 x 768, refresh up to 76MHz, .28mm dot pitch, Flat screen with Opticlear(TM), MPR II, Nutek, Energy Star Compliant		
* NEC 5FGp 17"	\$990	\$895
Professional series SVGA Multiscan color monitor, 1280 x 1024, refresh up to 76MHz, .28mm dot pitch, Flat screen with Opticlear, MPR II with Intelligent Power Management		
* NEC 6FGp 21"	\$1890	\$1795
Professional series SVGA Multiscan color monitor, 1280 x 1024, refresh up to 76MHz, .28mm dot pitch, Flat screen with Opticlear, MPR II with Intelligent Power Management		

PRINTERS

Panasonic KX-P4410\$599
 (300 dpi laser printer, 5ppm, 28 resident fonts, 512K RAM standard
 HP Laserjet IIP compatible.)

Options:

Drum replacement kit	\$99
Toner cartridge replacement kit	\$39
Developer replacement kit	\$149
Extra paper cassette; holds letter and legal	\$49
Additional 2nd cassette holder. Feeds paper directly to printer; includes paper cassette	\$169
RAM expansion up to 4.5MB	call

Panasonic KXP4440\$1399
 (300 dpi laser printer, 10ppm, 28 resident fonts, 8 scalable fonts,
 1MB RAM standard, Panasonic Satin Print(tm) technology, 2 paper
 cassettes, HP Laserjet III compatible.)

Options:

Drum replacement kit	\$99
Toner cartridge replacement kit	\$39
Developer replacement kit	\$149
Extra paper cassette; holds letter and legal	\$49
RAM expansion up to 5MB	call

Panasonic KX-P2123\$269
 (24 pin dot matrix printer, 192cps draft, 11.7" carriage, three
 paper paths.)

Options:

Black replacement ribbon	\$15
Color upgrade kit	\$59
Color replacement ribbon	\$19

Panasonic KX-P2124\$339
 (24 pin dot matrix printer, 320cps draft, 11.7" carriage, paper parking,
 push/pull tractor.)

Options:

Black replacement ribbon	\$15
Color upgrade kit	\$59
Color replacement ribbon	\$19

Panasonic KX-P1624\$429

(24 pin dot matrix printer, 240cps draft, 15" carriage, multiple paper feeds.)

Options:

Black replacement ribbon\$15

Canon BJ10sx\$279
(360dpi bubble jet, 110cps at 10cpi, 3.7lbs)

Options:

Battery\$49

Sheet feeder\$79

VIDEO OPTIONS

- * Diamond Stealth 64/PCI with 2MB VRAM Upgrade
(For the fastest video solution, choose the Stealth VRAM for your Pantera. 16.7 million colors up to 800 x 600; 256 colors up to 1280 x 1024.)\$249
- * Diamond Stealth 64/PCI with 4MB VRAM Upgrade
(Gain greater resolutions and more colors with an additional 2MB of memory. 16.7 million colors up to 1152 x 864; 65K colors up to 1280 x 1024.)\$418

NEC GLARE PROTECTORS

(Diminish glare and increase your screen visibility.)

- * 15" Monitor Screen
(For NEC XE monitor.)\$79
- * 17" Monitor Screen
(For NEC XE monitor.)\$119

DRIVE CONTROLLERS

- * Adaptec 6360 SCSI Controller Chip
(Expand your Pantera's connectivity with on-board SCSI. Includes drivers.)\$49
- * Adaptec 1542CF SCSI Controller Card
(A bus mastering Fast SCSI-2 controller for increased performance. Great for networks! For Pantera systems. Includes drivers.)\$239
- * Adaptec 2940 PCI 32-Bit SCSI Controller Card
(For super-fast performance, add a FAST SCSI-2 PCI controller card to your Pantera system. Ideal for demanding desktop and server applications. Includes DOS/Windows drivers.)\$269
- Drivers
(For non-DOS and Windows operations including OS/2 and Novell.)\$79
- * PCMCIA SCSI II Adapter
(Perfect for high-speed, SCSI-bus peripherals. Includes Advanced SCSI Programming Interface -- ASPI -- manager and Corel SCSI 2.0 software.)\$199

PCMCIA SLOTS

- * Front Drive Bay PCMCIA SwapBox
(Full PCMCIA compatibility for desktops. Easily share peripherals between platforms. Installs into 3.5" drive bay.)\$159
- * Rear Access PCMCIA SwapBox
(Full PCMCIA compatibility for desktops. Easily share peripherals between platforms. Installs into rear access socket.)\$99

FLOPPY DISK DRIVES

(Add additional floppy drives to Pantera and Ambra packages, or convert two drives into the space of one with our dual floppy option.)	
* 5.25" 1.2MB DS/HD Floppy Disk Drive	\$69
* 3.5" 1.44MB DS/HD Floppy Disk Drive	\$69
* Dual 1.2MB/1.44MB Floppy Disk Drive Upgrade	\$98

TAPE BACKUPS

* Colorado 250MB internal (80 to 250MB [with compression], includes tape backup software.)	\$159
* HP 35480 Internal (1.3-8GB, requires SCSI controller, includes tape backup software.)	\$1495
Software: Colorado backup software for DOS/Windows	\$49

TAPES

- * Please call for prices.

CACHE MEMORY

(Increase your system performance with cache memory. Or upgrade your existing system.)	
* 128K System Cache (For Pantera 486.)	\$49
* 256K System Cache (For Pantera 486 or Pantera Pentium.)	\$98
* 512K System Cache (For Pantera Pentium.)	\$349

MEMORY

(Increase your system performance! Run more programs! By increasing your system memory, you can add larger drive caches or add capacity for multitasking environments. Call for current memory prices.)

MODEMS

(Fax a memo, call a bulletin board, or accesss your system off-site. Your choice of speeds.)	
* 2400 bps Internal Modem with 9600 bps Send Fax/4800 bps Receive Fax	\$49
* 14,400 bps Internal V.32 bis Modem with 14,400 bps Send/Receive Fax	\$129
* PCMCIA 24/96 Data/Fax Modem	\$149
* PCMCIA 14.4/14.4 Data/Fax Modem	\$199

NETWORK ADAPTER CARDS

(For desktop, vertical and notebook systems. Match your network: either Ethernet or Token Ring in a variety of connection standards.)	
* ZNYX EtherAction 32 (32-bit PCI Ethernet LAN adapter. Includes 10Base5, 10Base2, and 10BaseT connections.)	\$199
* Intel EtherExpress 16 (Specify either AUI and 10BT or AUI and Coax connections.)	\$119
* Intel TokenExpress 16/4 (Both UTP and STP connections.)	\$479
* Intel Ethernet Media Filter (Connects an AUI connection to 10BT.)	\$129

(Hooking up your Meridian notebook to a network is a snap with these credit card-sized adapters.)	
* PCMCIA 10 Base T (Twisted Pair)	\$139
* PCMCIA 10 Base 2 (Coax)	\$169

CASE OPTIONS

* Ten-bay Vertical Case Upgrade (Upgrade your Pantera desktop system to a vertical case. Gain 4 additional bays. Includes two cooling fans and a 200 watt power supply.)	\$95
* Heavy Duty Vertical Stand (Provides support for your desktop in a vertical position. Not for use with CD-ROM equipped systems.)	\$39

MULTIMEDIA

* 2X CD-ROM Internal Drive (A double speed multi-session, MPC2 compliant CD-ROM. Operates at 350 KB/sec and 250ms.)	\$149
* NEC 3X CD-ROM Internal Drive (A triple speed multi-session, MPC2 compliant (level 1 & 2) CD-ROM. Operates at 450 KB/sec. and 200ms. Requires SCSI controller.)	\$449
* Complete Multimedia Package (Double-speed, multisession, MPC2 compliant CD-ROM, 16bit/48KHz sound card [Sound Blaster and Ad Lib compatible] and high-powered Altec Lansing AS3 stero speakers.)	\$249
* 16 bit sound card (16 bit/48Khz sound card is Sound Blaster and Adlib compatible.)	\$99
* PCMCIA 16-Bit Stereo Sound Card (Record and playback 16-bit stereo sound, rates up to 44.1KHz. Includes Microsoft's Stereo Sound System 2.0.)	\$279
* Stereo Speakers (Amplified stereo speakers. For use with CD-ROMs and sound card.)	\$29
* Altec Lansing AS3 Stereo Speakers (High-powered satellite speakers include 30 watts power amp, bass subwoofer and magnetic shielding. Frequency response from 40Hz to 20KHz.)	\$179
* Logitech Audioman (Business audio with built-in speaker and microphone.)	\$149
* Stereo Headphones (Lightweight stereo headset for all your multimedia applications.)	\$29
* Microphone (Annotate your documents or slide shows with voice!)	\$19

INPUT DEVICES

* ZEOS Enhanced 101-Key Keyboard (Standard on Pantera and Ambra systems. A space-saving keyboard with the function keys located above the QWERTY keys.)	\$49.95
* ZEOS F12 Enhanced 101-Key Keyboard (Can be exchanged for the standard keyboard above. A space-saving keyboard with the function keys located left of the QWERTY keys.)	\$49.95
* Maxi-Switch Programmable Keyboard Upgrade (Upgrade your keyboard to include programmable repeat rate and key mapping. Also capable of assigning key	

sequences/macros to any key.)	\$50
* Logitech Trackman Portable (Attach to a portable system, clip on to the side of your desktop keyboard, or use as a stand-alone trackball.)	\$69
* Microsoft 2-button Serial Mouse (Ergonomically designed for greater comfort.)	\$69
* Microsoft PS/2 Mouse	\$79
* Logitech Hi-Res 3-button Serial Mouse (If your software requires a three button mouse, then this mouse is for you.) ..i.....	\$99

I/O CARDS

* I/O Controller Card (Add this card for additional I/O ports. Includes 2 serial, 1 parallel, and 1 game port.)	\$29
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POWER SUPPLIES

* 300 watt Power Supply Upgrade (For the power-hungry system! Desktop or vertical case.)	\$50
* 600 watt UPS External (Running a network server or other critical system? Don't let a power failure stop your operations.)	\$449
* DC-AC Converter (Run your notebook in your car, boat, or other vehicle.)	\$59

PANAMAX SURGE SUPPRESSORS

(Protect your data from power surges and transients!)	
* Max 6 (Six power outlets.)	\$69
* Telemax 4 (Four power outlets and one fax/modem outlet.)	\$99

CABLES

* Cable Extension Set (Want your monitor and keyboard in a more convenient place? Includes extension cables for your keyboard, monitor, and power supply.)	\$29
* PS/2 Keyboard Adapter Cable (Converts a standard keyboard connector to a PS/2 type for use with our notebook products.)	\$15

MICROPROCESSOR UPGRADE

(Upgrade your existing ZEOS 486 Pantera system by replacing its microprocessor.)	
* 486SX-33	\$149
* 486DX-33	\$249
* 486DX2-50	\$249
* 486DX2-66	\$299

DELETES AND SPECIAL CONFIGURATIONS

(If you wish to purchase your Pantera or Ambra system with no hard drive, monitor and/or keyboard, start with Package #1 and delete the applicable items.)	
* Delete 214MB HDD	-\$150
* Delete CD-ROM Drive	-\$100
* Delete Floppy Disk Drive	-\$50
* Delete 14" Color SVGA Monitor	-\$200
* Delete 15" Color SVGA Monitor	-\$250
* Delete Graphics Card	-\$100
* Delete Keyboard	-\$25

- * ZEOS Pantera systems can also be purchased without a microprocessor.

Call for prices.

SOFTWARE - - FREE SOFTWARE

Most desktop systems include DOS 6.2 with Enhanced Tools, Windows for Workgroups 3.11, and your choice of Lotus Windows application: Ami Pro, Freelance, Approach, Improv, Organizer or 1-2-3 for Windows.

OFFICE APPLICATIONS SOFTWARE

- * Microsoft DOS 6.2 with Enhanced Tools
(Includes enhanced utilities such as backup and virus protection software.)\$99
- * Microsoft Windows for Workgroups 3.11
(Includes built-in fax and scheduling software along with offering better performance, greater ease of use and increased networking capabilities.)\$99
- * Microsoft Windows NT
(A 32-bit, high-performance operating system for client-server computing. Compatible with DOS, Windows 3.1 and character based OS/2 1.x applications. Requires 12MB RAM, 75MB free HDD space and a CD-ROM drive.)\$329
- * Lotus SmartSuite Bundle
(Five Windows applications: Lotus 1-2-3, Ami Pro, Approach, Freelance, Organizer.)\$349
- * Lotus SmartSuite Bundle Upgrade
(Lotus 1-2-3, Ami Pro, Approach, Freelance, Organizer. Must be purchased within 30-days of system. Applies to PCs that receive one free Lotus application.)\$299
- * Winlynx
(Transfer files from system to system through the serial or parallel ports.)\$99

CD-ROM Business Bundles

- * Bundle 1 - Home Office\$89
Business Library
(The ultimate business bookshelf. Twelve complete reference books on CD-ROM.)
PhoneDisc USA Business
(Easy access to 9.5 million US businesses with reverse access.)
1993 TIME Almanac
(The most comprehensive news and current events reference source on CD-ROM.)
- * Bundle 2 - Home Office\$129
Business Library
PhoneDisc USA Business
1993 Time Almanac
(Includes Bundle 1 Home Office CD-ROMs)
Graphic Photos
(InPrint Art Library Volume 2 contains 101 photos in TIFF file format. Can be imported into Multimedia Presentations Pack.)
Multimedia Presentation Pack
(Contains Macromedia Action!, a multimedia authoring tool for creating on-screen presentations with motion and sound.)
Sound Effects Library
(Over 300 sound effects in 8 and 16-bit resolutions, a sound

studio mixing panel, MIDI player, CD player, and wave recorder/player. Can be imported into Multimedia Presentation Pack.)

CD-ROM Home/Rec Bundles

- * Bundle 3 - Home Recreation\$89
 - Guiness Disc of Records
 - (Facts, figures, clips and stats are brought to life. Over 2,000 new and updated records.)
 - Chessmaster 3000
 - (Interactive chess game includes a variety of skill levels, brain teasers, explanation of moves, hints, and more.)
 - Mavis Beacon Teaches Typing!
 - (Touch typing made easy with lessons, drills and games. Also includes 10-key instruction.)
 - World Atlas
 - (Contains hundreds of detailed references, ocean floor relief and statistical maps.)
 - US Atlas
 - (Detailed relief and statistical maps of each of the states, counties and cities on CD-ROM.)
- * Bundle 4 - Home Recreation\$129
 - Guiness Disc of Records
 - Chessmaster 3000
 - Mavis Beacon Teaches Typing
 - World Atlas
 - US Atlas
 - (Includes Bundle 3 Home Recreation CD-ROMS.)
 - The Animals!
 - (See and hear over 200 exotic mammals, birds and reptiles in over 60 minutes of video clips.)
 - New Grolier Encyclopedia 6.0
 - (Contains 21 volumes of Grolier's Academic American Encyclopedia on a single CD-ROM -- plus pictures, maps, animation, videos, Multimedia Maps, Knowledge Explorer essays, and sounds.)
- * SPECIAL OFFER - Purchase Bundles 2 & 4 for only \$199. Save \$1000 off Suggested Retail Price.

YOU GET GREAT PCs AND MORE!

Service And Reliability That Wins Awards

ZEOS gives you the best service and support in the business. No company has won more "PC Magazine" Reader's Choice for Service & Reliability awards than ZEOS -- six in all!

Award-Winning Reputation

Eleven times "PC Magazine" Editor's Choice and thirteen times "PC World's" Best Buy. ZEOS has also twice won "Computer Shopper" readers' #1 Best Buy, "Windows Sources" Expert's pick, "Info World's" Buyer's Assurance Award, "PC/Computing" BEST, and "Windows Magazine's" WIN 100 award.

Exceptional Quality

UL Listing on the entire system - not just the power supply. FCC Class B Certification. Plus features like two cooling fans and built-in surge suppression that ensure longer system life.

Important Extras

Such as free Windows applications from Lotus. Most desktop systems include DOS 6.2 with Enhanced Tools, Windows for Workgroups 3.11, and your choice of either Ami Pro, Freelance, Approach, Improv, Organizer, or 1-2-3 for Windows.

Toll-Free Tech Support At Any Hour

For quick and accurate answers to all your technical questions, call toll-free -- 24 hours a day, 365 days a year.

Additional Support

- * FactFax: For our automated Technical Support fax service, call 800-845-2341 and select the information you need.
- * PRODIGY: Type "ZEOS" as your jump word.
- * COMPUSERVICE: Type "GO ZEOS."
- * INTERNET: sales@zeos.com or support@zeos.com
- * Plus our own free Bulletin Board Service for immediate updates and more at (612) 362-1219.

More Ways to Pay

In addition to offering affordable business leasing terms, we also accept MasterCard, VISA, Discover, and American Express, plus purchase orders, COD, cashiers checks, money orders or cash in advance.

Warranties and Guarantees

All ZEOS systems come with a One Year Limited Warranty and a 30-Day Money-Back Guarantee. All desktops and verticals also include an Express Parts Replacement Policy. If you're not absolutely satisfied with your new system, return it to us for a full refund of the purchase price. No questions asked. And for only \$99, you can extend warranty to three years.

On-Site Service

Optional on-site service for desktop and vertical systems is available for only \$59 the first year. On-site service for second and third years available at additional cost. Options can be purchased during the first 30 days you own your new system.

Fast, Reliable Delivery Via Federal Express

This chart shows what it will cost to ship your complete system. The costs shown for shipping a desktop and vertical system include monitor, keyboard and software. Call for shipping charges if a printer is included in your purchase.

		Desktop	Vertical
	Notebook	System	System
Second Day Air	\$35	\$75	\$95
Next Day Air (A.M.)	\$49	\$129	\$149
APO/FPO (Via US Mail)	\$55	\$100	Not available
Foreign Shipments	Call	Call	Call

Ground shipping is available to Minnesota addresses only.

It's true. With our special Computers Now program, our most popular packages can be shipped the same day you call.

It's As Easy As:

1. Choose the ZEOS system package you want.
2. Call ZEOS at 800-423-5891. For same-day shipping, place your order before 1 p.m. Central Time, Monday - Friday and verify the package you want is a Computers Now package.
3. Upon credit approval, we'll ship your system the same day you order.

Our Guarantee To You:

If we accept your order for immediate shipment and fail to ship your system under the conditions outlined, we will ship it at our expense as soon as it is ready.

Need A Bigger Monitor?

We can upgrade your Computers Now! desktop or vertical system with a larger monitor -- and still ship it the same day you order!

Just A Few Rules:

Orders must be for ZEOS Computers Now configurations. Since we continuously update the list of configurations, please call to confirm your system is on the list. This offer is good as long as prebuilt systems remain in stock. Other ZEOS systems and custom configurations take slightly longer - about a week. All orderes are subject to credit approval. Monitor upgrades available as long as monitors remain in stock. Orders must be received by 1 p.m. Central Time, Monday - Friday.

> TELIX for WINDOWS STR Review

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TELIX FOR WINDOWS VERSION 1.00-1.01A

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by Patrick Hudlow

This program was tested on a 386 25mhz computer with 4megs of memory and a Supra 14.4 faxmodem and Windows 3.11 for WorkGroups. To start out I found that the installation program was quite painless and pretty straight-forward. Once the program was installed you have to go through all the normal procedures for setting up a telecommunications program. The program did come with pre-configured init strings for many types of modems which made it quite easy to configure without having to hunt for the correct init string for the type of modem you are using. The screen is configured so that all the commands you need are within sight. Telix does this by using tool bars at the top of the screen labeling the different command groups. Below the tool bar you have your Flash keys. These are

macro or scripts you can launch while running Telix. You can put your password, name and any other macro you need in a flash key and when you need it just click on the correct Icon and presto! You can also use flash keys to launch other programs while running Telix like your off line mail reader or any other program.

The program also supports many types of terminal emulation. Telix for Windows has a script file compiler which is built into Telix so you can compile and edit scripts while still in Telix. You can also edit multiple scripts on the screen at the same time. Moving right along to the dialing menu, each bulletin board is well laid out with options for different emulations and keyboard layouts. It also comes with a list of several different popular bbs program types so you can select which bbs program you are calling to. You can also configure each emulation type. You can chose the size of the text window, size of text, font type, scroll back buffer size and color. You can also choose different screen writes for the type of video card you have.

In summary the program does flow quite well but, it is still buggy. I did experience a lot of program crashes while using Telix that caused it to abort to Windows. With the terminal emulations I found many problems with Ripscripts. I called and tested this emulation at The TeleGraphics bbs which is the support bbs for Ripscripts. Even with the newest patch file for Telix It still has problems with screen color fills over writing or coloring 3-D letters thus getting the screen completely filled with the color that was meant for inside the letters or vice versa. On the other hand, Telix is very user Friendly and has help files on every menu that you choose so if you do need help it's right there. If you do have problems with Telix that the help file does not cover the staff at the support bbs are very willing to help with any questions you might have. So check this program out today! You can download a shareware version on most local bbs's or you can call The Telix support bbs at (919)-481-9399 and download it directly. Now The Ratings.....

Ease of Use	... 8
Graphics	... 6 (because of Ripscripts)
All around use	... 8
Most for your Money	... 7

> Windows95 STR InfoFile

MICROSOFT WINDOWS 95 SUMMARY OF NEW FEATURES IN BETA-2

The Beta-2 release of Windows 95 represents fixes and enhancements as well as further refinement of the feature set and functionality to be offered in the final retail product. The information in this section is designed to give a quick overview of some of the changes made between

Beta-1 and the delivery of Beta-2.

Note:

This is not an exhaustive list of the new features or changes present in the Beta-2 release, but is intended to provide a quick overview of some of the key enhancements since Beta-1. A more extensive list is available on the WinNews servers in the file called DM7NEW.ZIP.

Windows 95 User Interface

- * Recycle Bin to recover deleted files
- * Multilevel undo for file operations like delete, move, copy, or rename
- * Undo for window management operations performed on the Taskbar
- * New visual design for the start button, it's bigger with a nice bitmap as the menu background (users can toggle between the larger menu view and a smaller icon view)
- * Guided tour to help both new users and Windows 3.1 users learn the Windows 95 user interface
- * Integrated "Windows 3.1 help" system to aid Windows 3.1 users in operating in Windows 95
- * Quick viewer enhancements to improve speed and support additional formats
- * Version and type information will be shown as a property sheet for each file shipped as part of Windows 95, making it easy for users to see the version of system files they have and confirm they have the latest revision
- * Document file summary properties shown via a standard system property page, allowing users to see the same summary properties they see in Microsoft Word for Windows, for example, without having to open the application.
- * Fonts folder is integrated into the shell as a folder, and is accessible from My Computer
- * Application install wizard to guide users through the process of installing both Windows and MS-DOS- based applications.

MS-DOS-based Application Support

- * Ability to have custom config.sys and autoexec.bat files per session with quick reboot for single MS-DOS application mode. This is a very nice solution to running those cranky MS-DOS games that insist on having their own configuration files.

- * MS-DOS application information associated with links so you can have multiple links to a single MS-DOS executable, each with its own specific settings for that program. For example, a link to command.com to run it in a window, and a second one to have it run full screen.

- * Simplified property sheet UI for configuring options for running MS-DOS-based applications.

- * File system compatibility mode, which can be set in setup. Disables long file names and other new file system features, plus uses old boot file names to support old disk utilities. Designed for 100% file system compatibility.

Windows Core

- * Vastly improved Device Contexts (DCs) resource limit, raising it from the current limit of around 150 to around 4000. This will allow users to

run many more large resource hungry applications under Windows 95 than on Windows 3.1.

* Image Color Matching work integrated. Profiles for the most popular color printers provided.

File System

* Complete protect mode DriveSpace/DoubleSpace integration. VXD and real mode compression drivers support both DoubleSpace and DriveSpace. GUI-based DriveSpace utility to make settings, compress in place, etc.

* Device configurability in the System Control Panel UI; cache write behind control, fixed/removable media settings, use real mode drivers or not, polling versus interrupt driven, reserve letter for removable drives, etc.

* Support for a swapfile on compressed volume. User won't have to worry about changing various host volume sizes to accommodate the swapfile. The swapfile just sits on the compressed volume and grows and shrinks as needed.

Multimedia

* Support for AutoPlay included. If a CD-ROM is autoplay-enabled, just put it in your CD-ROM drive and it will run automatically. If the desktop is showing, AutoPlay will open a window to show the contents of your CD automatically when you stick in a CD)

* Volume control. A new volume control appears on the Taskbar, making it easy to turn the sound up or down.

* New, simpler, UI for Multimedia control panel.

* CD Player application included. The new CD Player makes it easy and enjoyable to play audio CDs in your CD ROM drive. You can even create and save custom play lists, so you can skip over songs you don't like)

* Improved joystick driver. The new joystick driver requires less attention from the CPU (leaving more cycles for your game!) and provides more accurate and responsive user control -- so you'll hit what you aim at more often.

* CDFS Performance enhancements: Since Beta-1, improvements in the CD File System have boosted streaming efficiency while decreasing the CPU overhead for reading from the CD-ROM drive. This means that you can use the CPU to decompress bigger, faster digital video than before.

* 32-bit codecs: Indeo and Cinepak have both provided 32-bit versions of their codecs, which ship in Beta-2.

* 32-bit digital video capture subsystems. The digital video capture subsystems are now fully 32-bit in Beta-2. When used in combination with a 32-bit codec, this offers dramatically improved digital video capture performance. We are seeing throughput increases of 30% or greater. This means you can capture bigger, faster, better looking digital video without upgrading anything but the software.

* Full-screen digital video. When you play a 640x480 digital video file, Windows 95 now automatically removes the window border in order to play it

full-screen.

* TrueSpeech voice compression. Beta-2 includes this new codec for very efficient compression of voice data.

* Support for the new Sony/Phillips "CD+" format (using stamped multisession technology) built into Windows 95.

> TIPTAP LITE STR InfoFile "Every now and then something real nice..

...like this comes along"

TipTap Lite 1.1
=====

"Kids will love it! Highly recommended for pre-primary and primary levels."

--Sheila Rogers

Editor of Latitudes and Director of the Alternative Therapy Network

TipTap Lite: a multimedia interface designed to teach typing skills, phonics, word and sentence configurations, and allow for handwriting practice. The user receives a combination of auditory, visual and tactile reinforcement. This is known as a multi-sensory approach to learning and is beneficial for all students, regardless of individual learning styles.

Through beautiful and colorful animations, illustrations, creative sound-effects, systematic repetition, and reinforcement of correct responses, youngsters happily engage in an exciting, computer interface learning experience.

Features:

Phonics: Using studio quality, 8-bit human voice wave data, words are pronounced phonetically as the letters making up the sounds are emphasized on the screen.

Typing: With the on screen, color coded, animated keyboard and visual representation of the hands, typing skills are easily increased.

Printing: TipTap comes with two unique TrueType fonts. One for handwriting practice and the other is a drawing from the current lesson. Pages are formatted with lines allowing children to create their own illustrated spelling books for practice, and serves as a visible record of their accomplishments. High quality output is achieved even on dot-matrix printers.

User's Word List: Users can create their own lists of words for typing, printing and if available, Monologue for Windows output. The interface is kept so simple the user only has to type in the words, TipTap takes care of all the rest. The list is automatically kept in a database file compatible with dBase, FoxPro and Clipper so advanced users can import and export word lists to and from other programs.

Animations: Lessons include a full motion animation with sounds and/or midi music to emphasize a word being taught. The most up to-date version of Windows graphics (WinG) is used. This library for Microsoft is included in all versions of TipTap.

Multimedia: What TipTap accomplishes could not be replaced by using a book. Beyond the regular animation, many other parts are animated as well with an accompaniment of sounds and midi music. However the program has been designed so as not to distract from the lessons being taught.

Options: TipTap allows the user to configure the program to their level and the way they work.

Positive Feedback Only: This program does not generate auditory or visual responses when the wrong key is pressed. Rather than emphasize incorrect responses, the program waits for the proper key to be selected. TipTap also has the ability to accept a space bar input in place of the proper key. This is referred to as Letter Assistance. This avoids frustration and allows the user to proceed at his or her own pace. The lessons are designed to be brief; repetition is encouraged for reinforcement of skills.

Spoken Voice: As part of the tutorial, professionally recorded 8-bit human voice wave data is used to phonetically pronounce and speak the focus word of the lesson. The sentence part of the lesson is also vocalized as each word is animated so the user can read along. Monologue for Windows is later used separately for similar words in the lessons and words from the user's word list database.

Online Help: TipTap has a complete context-sensitive help file that offers thorough explanations, tips, cross-referenced materials and other information about the program.

Installation Utility: Like any other professional program, TipTap comes with a full installation utility that installs all the files including WinG. It also creates a group with icons in the program manager. The user is only responsible for telling the utility where to install the program.

Minimum Requirements:

Intel 386-based (or higher) PC

4Mb of extended memory

Minimum 3Mb harddrive disk space

Windows 3.1 or later, 100% compatible version

VGA 640x480 display with a 256 color palette

8-bit sound system for both midi and wave data

(Included) Microsoft WinG 1.0 Windows Graphics Software Library

Dot-matrix, Laser or PostScript printer to print the lessons

(Optional) Monologue for Windows.

Pricing and Ordering:

Shareware: Only \$19.95 plus \$5.00 Shipping

Credit Card Orders:

You can order TipTap Lite with MC, Visa, Amex, or Discover from Public (software) Library by calling 800-2424-PsL or 713-524-6394 or by FAX to 713-524-6398 or by CIS E-Mail to 71355,470. You can also mail credit card orders to PsL at P.O.Box 35705, Houston, TX 77235-5705. Ask for item

#11585. To insure that you get the latest version, PsL will notify us the day of your order and we will ship the product directly to you.

THE ABOVE NUMBERS ARE FOR ORDERS ONLY.

Any questions about the status of the shipment of the order, refunds, registration options, product details, technical support, volume discounts, dealer pricing, site licenses, etc, must be directed to the following:

Customer Service Call:

(407) 791-9415

Internet: Rigo12@aol.com

CompuServe: 72712,2305

America On Line: Rigo12@aol.com

Check or Money Orders:

Please, make check or money order out in U.S. funds to: PolyVision Software.

Mail to:

PolyVision Software
Customer Service
P.O. Box 16074
West Palm Beach, FL 33416-6074

> GATEWAY 2000 NEWS STR Spotlight

GATEWAY NEWSWIRE

Irish Prime Minister lauds Gateway 2000 growth in Dublin

DUBLIN, IRELAND, November 2, 1994 Irish Prime Minister Albert Reynolds, speaking at the one-year anniversary of Gateway 2000 (Nasdaq: GATE) in Dublin, called the direct marketing PC giant one of Ireland's tremendous success stories. The Prime Minister joined other Irish officials in saluting Gateway 2000 at a celebration in Dublin marking the company's first year of business in Europe.

Gateway 2000 chairman, president and CEO Ted Waitt applauded the Prime Minister and his government for the strong pro-growth stance Ireland has demonstrated in attracting companies like Gateway 2000 to their country.

I would like to acknowledge the tremendous commitment the Prime Minister has made to bring more business to Ireland, said Waitt. He is to be commended for the aggressive stance his government has taken in economic development issues. Gateway 2000 is proud to be a part of this

exciting corporate community.

Prime Minister Reynolds alluded to Gateway 2000's success in the United States and his hope that those records would be duplicated in Ireland. Everywhere Gateway 2000 goes, they quickly exceed their original goals of both business and job projections. We anticipate their track record in Ireland will match the one they've made in the States, Reynolds said.

The company also announced that it has more than 450 employees now based in Dublin, a target the company had not anticipated reaching until 1996. Included in that number are English, French and German-speaking employees handling the company's customers in its three major European markets. Worldwide, Gateway 2000 now employs more than 4,500 people. Its corporate headquarters and United States manufacturing plant are located in North Sioux City, South Dakota. The company also has customer support and sales centers located in Sioux Falls, South Dakota, and Kansas City, Missouri.

Accompanying the growth in employment in Ireland is a 40,000 square-foot expansion of the company's Dublin facility.

Gateway 2000 Liberty brings large-screen color to lightweight notebooks Direct-market leader announces 4.2-pound PC with 10.4-inch display, IR capability

NORTH SIOUX CITY, S.D., November 11, 1994 Gateway 2000 Inc. today announced the Liberty, a lightweight, full-featured notebook PC featuring a 10.4-inch color screen, an ergonomically-designed keyboard with palm rest, a removable hard drive, infrared connectivity and a choice of Intel processors, including a 100MHz DX4 and a 50MHz DX2. The Liberty is a completely new addition to the company's portable PC product offering. Beginning November 29, customers can call (800) 846-5227 to order. Gateway will begin shipping the Liberty in late December.

Specific pricing and configurations, including preloaded software and available accessories, will be announced November 29.

"The Liberty is the first four-pound notebook with a color screen larger than 10 inches," said Bob Burnett, director of portable product marketing for Gateway 2000. "We named it Liberty because it gives people on the go the freedom to work wherever they are without compromising what they can accomplish. Liberty is a full-featured notebook incorporating the advanced technology and features that our customers told us would be great to have in a lightweight notebook."

The advanced technology makes possible features such as built-in infrared capabilities for easy connectivity to desktop systems, efficient power management for extended battery life, support for up to 24MB RAM, and removable, upgradeable hard drives with capacities from 340MB to 720MB.

"We listened carefully to what our customers told us they'd love to see in our next portable products," added Ted Waitt, chairman and CEO of Gateway 2000. "They told us they wanted a large color screen, a comfortable keyboard, exceptional performance with long battery life, easy file transfer capabilities and a large hard drive, all in a compact, lightweight notebook. We've done all that and more in the Liberty."

The Liberty weighs only 4.2 pounds, including its nickel-metal hydride battery pack. The case measures 10 inches by 8 inches by 1.6 inches, making it one of the most compact full-featured notebook PCs on the market.

An ergonomically-designed keyboard incorporates a wide, comfortable palm rest and Gateway's proven EZ Point pointing stick, with two large cursor control buttons conveniently located on the palm rest. Flip-out feet let the user tilt the Liberty if desired.

The removable hard drive gives users extra data security and the flexibility to swap drives among different units or upgrade at a later date. An optional external floppy drive connects to the Liberty through the parallel port. For easy file transfer, the Liberty incorporates a built-in infrared transmitter/receiver on the back of the unit that allows for communication with an infrared receptor connected to the serial port of a desktop PC. The Liberty is designed to IRDA specifications. Two Liberty note books can communicate with one another via the infrared link at throughput up to 115.2 kilobaud.

Battery life using real-world application benchmarks is conservatively estimated at between three and four hours. The Liberty comes with a nickel-metal hydride battery pack and will support a lithium ion battery when that option becomes available early next year. The battery can be quick-charged externally or internally, operating or idle. Charging monitors built into the battery packs and a graphical representation on the unit provide a visible "gas gauge," giving the user a reliable indication of how much battery life remains.

The Liberty provides one PCMCIA Type III or two PCMCIA Type II slots for add-in cards such as modems and network cards, plus a serial port, a parallel port, a PS/2-style port for keyboard or mouse and a VGA port for an external monitor. The user can hit a "hot key" to select either the built-in dual-scan passive matrix color display, the external VGA port or simultaneous display. When attached to an external monitor, the Liberty can support resolutions as high as 1024 by 768 by 256 colors.

The company also plans to introduce an extension to its popular ColorBook family in the first quarter of 1995.

Support

All Gateway 2000 portable systems include access to technical support via a tollfree telephone number that connects directly to a support group dedicated to portable products. Portables also come with a 30-day money-back guarantee, one year warranty and membership in the Gateway 2000 electronic bulletin board system. Gateway 2000 maintains user forums on many popular online service systems, including America OnLine, CompuServe, DELPHI, GENie, Internet, Prodigy and Spaceworks.

About Gateway 2000

Gateway 2000, a Fortune 500 company founded in 1985, currently sells more PC-compatible systems through the direct market channel in the United States than any other PC manufacturer. A recent report from Dataquest Inc. said that Gateway 2000 is also the top United States market supplier of systems based on Intel's Pentium processor. Gateway 2000 is listed on the Nasdaq market as GATE. Gateway 2000 is a registered trademark, and ColorBook and EZ Point are trademarks of Gateway 2000, Inc. Intel is a

registered trademark of Intel Corp. Dataquest is a registered trademark of Dun & Bradstreet. Microsoft is a registered trademark of Microsoft Corp. Other products mentioned herein may be trademarks or registered trademarks of their respective companies.

> PERFORM WIN STR InfoFile Delrina's PerForm For Windows 3.0

PERFORM FOR WINDOWS 3.0
=====

Delrina Announces Cure for Hatred of Business Forms

PerForm For Windows 3.0 Enables Individuals and Small Businesses without Any Forms Design Experience to Create and Use Better Business Forms Quickly and Easily

Delrina Corporation (NASDAQ:DENAF, TSE:DC), the world's leader in PC forms software, today announced PerForm For Windowstm 3.0, a new forms package that lets users create and use, "intelligent," professional-looking, business forms quickly and easily. PerForm for Windows is aimed at individual users in small businesses, home offices, and the corporate environment where forms are designed, filled in and printed as a necessary requirement of doing business. The task of creating and using forms is made quick and easy in PerForm for Windows through four key innovations in the product:

- 1) PerForm includes Delrina Expertstm (like Microsoft Wizardstm), which create "intelligent," professional-looking, and usable forms automatically for the user.
- 2) PerForm has extensive on-line "help demonstrations" that quickly teach the user how to apply and use its powerful set of design tools.
- 3) PerForm allows users to move beyond designing forms for printing, allowing them to enter and retain data direct in their forms, without any database understanding or experience.
- 4) PerForm includes all the latest in usability advancements such as ToolTips, dialogs using Tabs, and "tear away" tool bars that are also completely customizable.

Although a forms product is the best tool for creating and using electronic forms, packages such as Delrina's own FormFlow product, have evolved to meet high-end, workgroup/workflow, enterprise requirements, and may be too sophisticated for an individual's or small business user's needs. As a result, users have resorted to using their word processor, spreadsheet, desktop publishing package, drawing program or other non-forms software to create and use common business forms. While such packages can be used for forms, such packages fall short in forms design flexibility, ease-of-use, and the

ability to retain, sort, manage and print forms data. PerForm for Windows has been designed to meet the needs of individual users for a powerful forms tool that is quick and easy to use, enabling them to create forms such as invoices, inter office memos, time sheets, and the myriad of rogue forms used in business today.

Automatic Forms Creation

One of the biggest hurdles users have in creating a form for use is knowing where to start. A user has to have a good idea of what the form and its function will be before they put cursor to screen. PerForm includes DelrinaExperts, which allows the user to quickly create a new usable form, customized for his particular needs, based on the answers to a few simple questions. The user selects from various design styles and form components and is given previews of the final result. The user does not have to learn how to use any of PerForm's powerful tools, to get started, the form is automatically created for him. DelrinaExperts go beyond predesigned forms or templates because even predesigned forms require some modification -- like adding the user's own logo and address on the form header or building a tax calculation with the right values for their area -- which means the user would have to learn the program to get started using forms. PerForm includes DelrinaExperts for over 30 forms categories from invoices to inter office memos.

Kevin Lee, a PerForm beta tester with Regan Agency Inc., an insurance agency in Babylon, NY, agrees, "Delrina Experts are terrific, by making the design of forms the easiest I've seen. PerForm guides you nicely through the process of producing high quality, usable business forms."

"How Do I?" Help Demos

PerForm for Windows includes a new way to find help about the objects that make up a form and how to use its powerful design tools. Under the Help menu, users will find an item entitled Parts of a Form, which displays a sample invoice form with underlying help demonstrations linked to all the components that make up the form. For example, the user can click on the SubTotal field (which sums a column of numbers), and get a visual demonstration of how the field is created and the calculation is built. The "How Do I?" help demos teach the user how to employ PerForm's powerful design tools, which include boxes, lines, circles, text boxes, fillable fields and tables, over 60 different spreadsheet-like functions and calculations, and the ability to import images from 10 different industry standard graphic formats. PerForm also includes an Object Library, so users can store and reuse any form object (like a telephone field that automatically formats the number with parentheses around the area code and inserts the dash) in other forms.

Databases with Programming

PerForm lets users fill in their forms on the computer and save the data (or information) they enter on the form for later search and retrieval. Unlike other forms products, PerForm does not create an external database, but retains the information a user enters directly within the form, stored as multiple records. Users can do simple or compound (i.e. multi-field) searches for specific information without having to learn complex search rules or procedures. Users can print

all the forms (i.e. records) or only those identified by the search criteria. For instance, a user can enter all the invoices for his business and then with one simple command, print the completed invoices for mailing. PerForm provides all the benefits of true databasing, but eliminates the need for the user to understand and deal with external databases. The program does allow the data to be exported to an ASCII or dBase file for use in other applications. In addition, PerForm directly supports Delrina WinFax, so users can directly fax forms with the current data directly from within PerForm.

"Anyone who has tried to use products like Word or Excel to design a form have been frustrated by the lack of forms creation tools and the difficulty in storing information for re-use" added Eric Stevens, Forms Marketing Manager at Delrina. "PerForm delivers professional looking forms within minutes of installing the program, with the ability to re-use forms data with other applications."

Usability Advancements

PerForm for Windows includes all the latest in usability advancements. It has ToolTips, which are helpful messages that automatically pop up when the user places their mouse cursor over a tool or command button. Further, all of the configuration options for a form object (such as a fillable field) are organized in Tab dialogs, enabling the user to quickly move through various dialogs without having to hunt for a particular function through several nested layers or menus. Finally, PerForm allows the user to completely customize their design and filling environments by relocating the tool bars anywhere on the screen and changing any of the buttons on the tool bars.

"This new offering further strengthens our position as the leader in the electronic forms market," said Mark Skapinker Delrina President. "Delrina already markets FormFlow which provides sophisticated forms creation and workflow routing tools for enterprises. PerForm for Windows is focused completely at the broad range of individual users who need a quick and easy way to design and fill in forms."

Market Opportunity

Among PerForm's target market is the small business user. "There are over 20 million small businesses in the U.S., and seventy percent of these businesses are one-person operations," said Raymond Boggs, director of Small Business/SOHO Research, at BIS Strategic Decisions, in Norwell, MA. "Many could benefit from Delrina's entry level, print-on-demand' forms solution." According market research conducted by BIS, the entry level segment of the electronic forms market is expected to grow 300%, reaching U.S. \$160 million by 1996.

System Requirements, Pricing and Availability

PerForm for Windows requires Microsoft Windows 3.1, 4 megabytes of RAM, and 6 megabytes of hard disk storage. The retail price is \$129 (\$174.99 Cdn) and will be available before December 1994 in computer retail and office supply stores. The package also includes a \$20 (\$25 Cdn) rebate for customers currently using any other software product, such as a word processor or spreadsheet, to create forms.

Founded in June 1988, Delrina Corporation is a high-profile Canadian success story and ranked among the fastest growing software companies in

North America. Delrina's revenues have more than doubled each year, during the last two years, achieving annual revenues of Cdn \$102 million for the fiscal year ending June 30, 1994. Delrina develops, markets and supports PC-based software products and services for the fax and data communications, electronic forms processing and consumer software markets. The Company employs more than 550 people with headquarters in Toronto, Canada, and offices in San Jose, CA; Washington, DC; Kirkland, WA; the U.K.; France; and Germany. Delrina can be contacted at 1-800-268-6082.

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A T T E N T I O N -- A T T E N T I O N -- A T T E N T I O N

:HOW TO GET YOUR OWN GENIE ACCOUNT:

Set your communications software to Half Duplex (or Local Echo)

Call: (with modem) 800-638-8369.

Upon connection type HHH (RETURN after that).

Wait for the U#= prompt.

Type: XTX99587,CPUREPT then, hit RETURN.

Fire up that high-speed modem and head for your favorite GENie Software Library! Effective October 10, 1994, you'll be able to participate in an open beta test, offering access to GENie Services at 9600 bps for as little as \$5.00 per hour.

As a result of an arrangement with Sprint, GENie will be offering 9600 bps access from almost 300 SprintNet locations. Best of all, this high-speed access will not be subject to high-priced surcharges. The normal \$2.00 per hour SprintNet surcharge will apply...even at 9600 bps! This open beta test is expected to run through the end of the year.

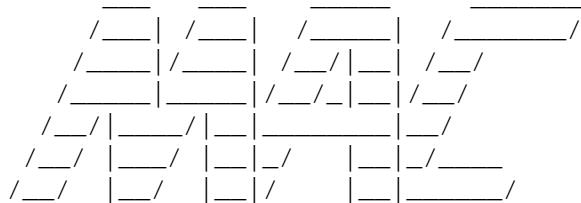
To find the number of the SprintNet access number nearest you, simply type PHONES at any GENie menu prompt (or use the "Move To Keyword" option in Genie for Windows and type PHONES). Remember, this rate applies only to 9600 bps access via SprintNet. So be sure to choose the access number showing "9600" in the "Baud Rate" column AND "SprintNet" in the "Network"

column.

From the "Fine Print" department, please note that the \$2.00 per hour surcharge for SprintNet access is applicable even during your initial four hours of monthly usage.

So, whether you're into downloading software, reading bulletin boards, or accessing databases, it's about to become cheaper to do it faster!

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for ALL GENie users!

MAC/APPLE SECTION (II)

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John Deegan, Editor (Temp)

> ADOBE UPDATES STR InfoFile

Adobe Systems Announces Product Realignment

PHOTOSTYLER AND HITCHCOCK CUSTOMERS
TO
RECEIVE UPGRADE TO ADOBE PRODUCTS

Adobe Photoshop 3.0 for Windows Now Available

New Version Comes with Deluxe CD-ROM, Bonus Content, Adobe Type On Call
and Adobe Acrobat Reader

Mountain View, Calif. (November 11, 1994) (NASDAQ: ADBE) Adobe Systems
Incorporated today announced the availability of Adobe Photoshop 3.0 for

Windows, a significant upgrade that adds new and enhanced composition, editing and production features to the industry-leading image processing software. The new version also takes advantage of the latest operating system advances, including full 32-bit support under Microsoft Windows 3.1 and symmetric multiprocessing under Windows NT version 3.5.

"When Adobe Photoshop 3.0 became available for Windows, there was a loud applause among those users. Before Adobe Photoshop, Windows users didn't have this kind of power with any other software program," said Matt Keefe, president of TX Unlimited, a San Francisco-based firm specializing in image editing and manipulation. "The new enhancements to version 3.0 such as Layers, is going to make a huge difference in the flexibility of our compositing. Plus, features like the Filter Factory plug-in allows us to create customized 'signature' effects for our corporate and advertising clients."

Significant new features of Adobe Photoshop 3.0 include support for multiple layers and new color correction tools. Multiple layers support allows users to manipulate elements of an image on separate layers, much as they would use separate sheets of acetate when using manual techniques. Users can also attach a Layer Mask to any layer, allowing them to apply effects and vary the opacity of a layer without destroying the original layer data.

New color correction tools improve the process of achieving color fidelity when adjusting images for CMYK output. Selective Color Correction lets users specify precisely the amount of ink in a given color plate, saving time and money on unusable film. The Replace Color feature lets users create masks based on specific colors and allows color correction by adjusting hue, saturation and brightness values. CMYK Preview provides a "soft proofing" capability for previewing work in CMYK without first converting the image. Gamut Warning highlights any areas in an image that are out of CMYK gamut. The new Sponge tool allows users to saturate or desaturate color areas to bring them into gamut for correct color separation output.

The improved user interface provides many enhancements, including redesigned floating palettes, a new Commands palette and a new drag and drop feature, giving users more control over their workspace. For example, redesigned floating palettes can be combined and arranged in any order, and the new Commands palette lets users create custom command buttons for quick access to the most frequently performed tasks. To save time when using filters, users can preview the effect of a filter before actually applying it to the image. The new drag-and-drop feature lets users quickly copy and paste images between documents or layers without using menu commands.

Other new features in Adobe Photoshop Version 3.0 include the Lighting Effects filter for applying a variety of lighting effects to an image via multiple light sources, with a range of colors, intensities and angles; the Dust & Scratches plug-in for removing dust and scratches from scanned images to facilitate retouching and photo restoration, and the Filter Factory plug-in for creating and naming new Adobe Photoshop plug-ins. The new IPTC caption support lets users add file information to an image such as the photographer's name, date and location the photograph was taken, photo caption and other information required by the worldwide IPTC newspaper standard.

Adobe Photoshop 3.0 comes standard with application software on floppy diskettes as well as on the Deluxe CD-ROM, which also includes Adobe's

Acrobat Reader, user tutorials, stock photography, sample third-party plug-ins and a digital art show. A second CD-ROM includes Adobe Type On Callt.

Version 3.0 offers identical features and interoperability for the Windows and Appler Macintosh platforms. The Macintosh version of the Adobe Photoshop 3.0 program was released last month and runs native on the high-performance Power Macintosh computers.

Price and Availability

Adobe Photoshop 3.0 for Windows is available immediately from Adobe Authorized Resellers. The suggested retail price is \$895 and includes both CD-ROM and floppy diskette media. Registered owners of any previous full version of the Adobe Photoshop program may purchase a Version 3.0 upgrade directly from Adobe for \$149. Anyone purchasing Adobe Photoshop version 2.5 after June 15, 1994, will receive a free upgrade to version 3.0. Customers with Adobe Photoshop LE may upPage grade to the full version of Adobe Photoshop 3.0 for \$199. For more information, customers should contact Adobe at 1-800-833-6687.

PhotoStyler Upgrades

Adobe will be offering upgrades from PhotoStyler for the Windows environment to Adobe Photoshop 3.0 for Windows for \$199. The company announced this week that it will discontinue the retail version of PhotoStyler due to product line overlap.

When PhotoStyler customers upgrade to Adobe Photoshop 3.0 for Windows directly from Adobe, they will receive a free copy of Classroom in a Book training guide, a hands-on tutorial CD/workbook. The upgrade applies to all PhotoStyler customers, including PhotoStyler Special Edition (SE) owners. All registered PhotoStyler users will automatically receive upgrade information by mail. Users who have not registered their product should contact Adobe at 1-800-521-1976 to register and upgrade.

Additionally, customers who purchased a full retail version of PhotoStyler after September 1, 1994, and have a dated proof of purchase, will receive a free upgrade to Adobe Photoshop 3.0 by calling Adobe at 1-800-521-1976.

PhotoStyler Special Edition customers who received their product through an Adobe OEM can upgrade to Adobe Photoshop 3.0 for \$199. Adobe plans to continue technical support for all PhotoStyler and PhotoStyler Special Edition customers. To inquire about the upgrades, customers should contact Adobe at 1-800-521-1976.

System Requirements

Minimum system requirements for the Adobe Photoshop 3.0 Windows version include an Intel i386t, i486t or Pentium processor, DOS 5.0, Windows 3.1 or Windows NT version 3.5, 10 megabytes of RAM (16 megabytes of RAM for Windows NT), at least 20 megabytes of free disk space, a color VGA display adapter and compatible color monitor, and a mouse or other pointing device. For optimal performance, recommendations include a Pentium processor, DOS 6.1 or greater, Windows 3.1 or Windows NT version 3.5, 16 or more megabytes of RAM (32 megabytes of RAM for Windows NT), at least 50 megabytes of free disk space, a color display adapter and compatible color monitor, mouse or other pointing device and acceleration products bearing the "Adobe Charged" logo.

Mountain View, Calif. (November 9, 1994) (NASDAQ:ADBE) D Adobe Systems Incorporated today announced a realignment within the image editing and video editing product lines. With the merger with Aldus Corporation successfully completed, the company is consolidating the two product lines in order to eliminate overlap and provide better product development and technical support for customers.

Effective immediately, Adobe will discontinue the retail version of PhotoStyler for the Windows environment and offer current users an upgrade to the market-leading Adobe Photoshop 3.0 for Windows desktop-image processor for \$199.

However, Adobe plans to continue providing Photo-Styler Special Edition (SE) via OEM partners. The company also announced that Hitchcock, a video editing tool previously distributed by Aldus, will be discontinued.

"We believe that by consolidating these product lines our customers ultimately win," said Dave Pratt, senior vice president and general manager for Adobe's Application Products Division. "It would be virtually impossible to successfully develop and market two products in the same markets. In addition, we can offer superior support and bring more timely revisions to market if we focus our energies and continue building innovative technologies across platforms."

Upgrading to Adobe Photoshop

When PhotoStyler customers upgrade directly from Adobe, they will receive a copy of Adobe Photoshop 3.0 and a free copy of Classroom in a Book training guide, a hands-on tutorial CD/workbook. The upgrade applies to all PhotoStyler customers, including PhotoStyler Special Edition (SE) owners. All registered PhotoStyler users will automatically receive upgrade information by mail. Users who have not registered their product should contact Adobe at 1-800-521-1976 to register and upgrade.

Additionally, customers who purchased a full retail version of PhotoStyler after September 1, 1994, and have a dated proof of purchase, will receive a free upgrade to Adobe Photoshop 3.0 by calling Adobe at 1-800-521-1976.

Special Edition customers who received the product after September 1, 1994, through an Adobe OEM can upgrade to Adobe Photoshop 3.0 for \$199. Adobe plans to continue technical support for all PhotoStyler and Special Edition customers. To inquire about the upgrades, customers should contact Adobe at 1-800-521-1976.

"We value our PhotoStyler customers and want to make sure we provide a good growth path with great value," said John Kunze, vice president for Adobe's Graphics Products Group. "With Adobe's broad product offering and Adobe Photoshop software's market leadership and extensive cross-platform support, we believe moving over to the Adobe family is the right choice for PhotoStyler users."

"I've used PhotoStyler since its beginning, but Adobe Photoshop offers a number of features that were not available in PhotoStyler," said Lee Wojnar, of Wojnar Photography, Inc., a leading photographic and digital imaging studio in Philadelphia, Pennsylvania. "We've already begun working with some of our images in Adobe Photoshop and are impressed with the color balancing, anti-aliasing and layering capabilities. We didn't realize the limitations of PhotoStyler until we started using Adobe Photoshop."

Dynamic Media Products Converging

As part of this product line consolidation, Adobe is also discontinuing Hitchcock. Previously developed by CoSA, a subsidiary of Aldus, Hitchcock software is a nonlinear off-line editing tool for video professionals that runs on the Macintosh. Hitchcock offered functionality similar to the Adobe Premieret 4.0 desktop digital video editing program. A popular program for both the Windows and Macintosh platforms, Adobe Premiere allows users to create high-quality digital movies by combining film and video footage, audio, animation and still images from other applications.

Registered Hitchcock customers who purchased a retail version of the product will be compensated through the choice of several Adobe products, including Adobe Premiere. Adobe will continue supporting Hitchcock customers through February 1995. To receive their Adobe product, Hitchcock customers should contact Adobe at 1-800-521-1976.

Adobe Systems Incorporated, founded in 1982, is headquartered in Mountain View, California. Adobe develops, markets and supports computer software products and technologies that enable users to create, display, print and communicate electronic documents. The company licenses its technology to major computer, printing and publishing suppliers, and markets a line of application software and type products for authoring visually rich documents. Additionally, the company markets a line of powerful, yet easy to use, products for home and small business users. Adobe has subsidiaries in Europe, Asia and the Pacific Rim serving a worldwide network of dealers and distributors. Adobe recently completed a merger with Aldus Corporation, and Adobe's 1993 revenue on a combined basis was approximately \$520 million. Adobe Photoshop, Adobe Premiere, Classroom in a Book, Hitchcock and PhotoStyler are trademarks of Adobe Systems Incorporated or its subsidiaries, which may be registered in certain jurisdictions. Macintosh is a registered trademark of Apple Computer, Inc. Windows is a trademark of Microsoft Corporation.

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FOR CERTIFICATION EXAMINATIONS

Multiple Testing Vendor Strategy To Expand Global Services
for CNE, CNA, CNI Candidates

PROVO, UTAH -- November 21, 1994 -- In continuing to build "The

"Billion-User Infrastructure" key to Novell President, CEO and Chair Bob Frankenberg's vision of network user growth by the year 2000, the Education Division of Novell Inc. has announced a new multiple vendor strategy to administer tests for its industry-leading certification programs.

In Novell's 1995 second fiscal quarter, certification candidates will be serviced worldwide by either Drake Training and Technologies (DT&T) or Sylvan Learning Systems.

As of February 1, candidates for the Certified Novell Engineer (CNE), Certified Novell Administrator (CNA) and Certified Novell Instructor (CNI) programs will be able to take their certification examinations at 280 Sylvan Centers around the world. This adds to Novell Education's worldwide testing infrastructure of 600-plus Drake Authorized Testing Centers (DATCs).

"Driving pervasive computing through quality education products and programs is the mission of Novell Education," said Carolyn G. Rose, Vice President and General Manager of Novell Education. "Providing the very best service to our student customers in all aspects of learning is essential to that mission. By extending testing options, Novell Education is enhancing our already strong testing infrastructure, and is providing student customers with even greater flexibility of location and schedule for their certification exams."

Freedom of choice impacts not only Novell Education certification candidates, but also "The Source" for networking and network applications training--the 1,300 Novell Authorized Education Centers (NAECs) around the globe. The current testing model consists only of DATCs, many of whom are also NAECs. With the Sylvan testing option, NAECs who are not also DATCs will have a "neutral" testing location to refer their customers to, instead of to another NAEC/DATC.

"The network of DATCs that Drake has assembled is impressive, and we laud not only Drake but our NAEC partners who aggressively pioneered the testing infrastructure that is servicing not only Novell certification candidates, but those of other vendors," noted Rose. "To bring the industry to the next level, to truly build the billion-user infrastructure, we need to provide multiple testing solutions, and broader global coverage."

According to Rose, Sylvan's existing and planned international presence made them a natural choice for a testing partner. In addition to Sylvan's current 240 Centers, the company has plans to add an additional 40 international centers by the end of the 1994 calendar year. "We are committed to servicing the needs of Novell certification candidates around the globe," said Chris Hoehn-Saric, Sylvan's Chairman and CEO. "Sylvan is enthusiastically partnering with Novell Education to pursue new markets."

In addition to Sylvan's global scope and commitment, Novell Education was impressed with Sylvan's expertise and experience as a certification testing partner, and the high level of standardization and security offered. Along with carrying the end-user certification examinations for the former WordPerfect, Sylvan is the exclusive computerized test delivery system for other organizations, including the prestigious Educational Testing Service (ETS). ETS's well-known examinations include the National Teachers Examination (PRAXIS) and GRE (Graduate Record Examination).

To maintain consistency with the industry-leading testing procedure developed by Novell's staff psychometrician (testing expert), the Novell tests delivered by Sylvan and by Drake will be the same, have a similar look and feel, and identical performance on a test in either a Drake or Sylvan facility will produce the same score.

Test Availability

Sylvan's testing facilities are scheduled to begin offering Novell CNE, CNA, and CNI examinations February 1. DT&T's network of DATCs will be the sole provider for those examinations until that time. Emphasizing convenience and security to the testing candidate, Sylvan Technology Centers are open Monday through Saturday, 8:30 a.m. until 5:30 p.m.

For more information regarding Novell certification programs, Novell Authorized training solutions, NAECs or testing programs, call 800-233-EDUC (North America) or 801-429-5508 (Outside North America). Certification candidates can also contact their local NAEC for information regarding testing options.

Certification Perspective

Novell pioneered certification programs for the information technology (IT) industry. The company's CNE program has more than 48,000 certified professionals. There are 30,000-plus CNAs, and 3,000 CNIs. CNE is the global standard for servicing and supporting networking; CNA is the global standard for administering networking and network applications; and CNI is the global standard for teaching networking and network applications.

The business of Novell Inc., is connecting people to other people and the information they need, enabling them to act on it anytime, any place. Novell is the world's leading network software provider. The company's products provide the distributed infrastructure, network services, advanced network access and network applications required to make networked information and pervasive computing an integral part of everyone's daily life.

Press Contact:

Jennifer J. Johnson
Novell, Inc.
801-429-5804

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STReport International Online Magazine is available every week for your reading pleasure on DELPHI. STReport's readers are invited to join DELPHI and become a part of an extremely friendly community of enthusiastic

computer users there.

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Via modem, dial up DELPHI at 1-800-695-4002
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and...

At Password: type STREPORT and press RETURN.

DELPHI's 20/20 Advantage Plan
20 Hours for Only \$20!

Advantage Members have always enjoyed the lowest DELPHI access rates available. On the new 20/20 Advantage Plan, members receive their first 20 hours of access each month for only \$20. If you happen to meet someone online or find some other diversion, don't worry because additional usage is only \$1.80 per hour.

20/20 Advantage rates apply for access via SprintNet or Tymnet from within the continental United States during home time or via direct dial around the clock. Home Time is from 6pm to 6am weekdays. Access during business time carries a surcharge of \$9 per hour. These rates apply for most services, but note that there are some surcharged areas on DELPHI which are clearly marked with a "\$" sign.

Who is eligible to take advantage of the plan? Any DELPHI member in good standing. Applications are reviewed and subject to approval by Delphi Internet Services Corporation.

It's easy to join. If you meet the eligibility requirements, you can apply online -- at any time -- for membership in the DELPHI 20/20 Advantage Plan. Your membership becomes active at 4 a.m. Eastern Time on the first billing day of the following month.

The \$20 charge will be billed to you at the beginning of the month to which it applies. Any portion of the 20 hours not used in any month does not carry forward into the next month.

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TRY DELPHI FOR \$1 AN HOUR!

For a limited time, you can become a trial member of DELPHI, and receive 5 hours of evening and weekend access during this month for only \$5. If you're not satisfied, simply cancel your account before the end of the calendar month with no further obligation. If you keep your account active, you will automatically be enrolled in DELPHI's 10/4 Basic Plan, where you can use up to 4 weekend and evening hours a month for a minimum \$10 monthly charge, with additional hours available at \$3.96. But hurry, this special trial offer will expire soon! To take advantage of this limited offer, use your modem to dial 1-800-365-4636. Press <RET> once or

twice. When you get the Password: prompt, type IP26 and press <RET> again. Then, just answer the questions and within a day or two, you'll officially be a member of DELPHI!

DELPHI-It's the BEST Value and getting BETTER all the time!

ATARI/JAG SECTION (III)

=====

Dana Jacobson, Editor

> From the Atari Editor's Desk

"Saying it like it is!"

>> BURP! <<

It happens every year; I vow that I'm not going to eat too much but I never seem to be satisfied with just a little Thanksgiving fare! As usual, I'm feeling like most of you probably do (or did), bloated. I hope that you all had an enjoyable holiday with family and friends. It's a great time of the year.

We as Atari users have a lot to be grateful for, still. We're fortunate that there are still some dealers and developers who feel that Atari users are still worth their efforts. Granted, the support base isn't what we'd all like it to be; but we should be grateful for what we have.

Let's hope that we can all sit back and consider what this holiday season really signifies, from Thanksgiving to New Years Day. It's truly one of the most enjoyable times of the year.

Until next time...

Delphi's Atari Advantage!
TOP TEN DOWNLOADS (11/23/94)

(1) DR. NECRO DEMO	(6) LHARC 3.10 SHELL & ARCHIVER
(2) COMPLETE MAPS FOR AVP	(7) PAGESTREAM LABEL PRINTING
(3) OBSESSION PINBALL	*(8) JPEG UTILITIES VERSION 5
(4) HACE NEWSLETTER ARTICLES	*(9) PCAG/PRINT CONTROL ACC
(5) GUCK V1.8B ENGLISH DOCS	*(10) DSP COLOR MPEG PLAYER

* = New on list
HONORARY TOP 10

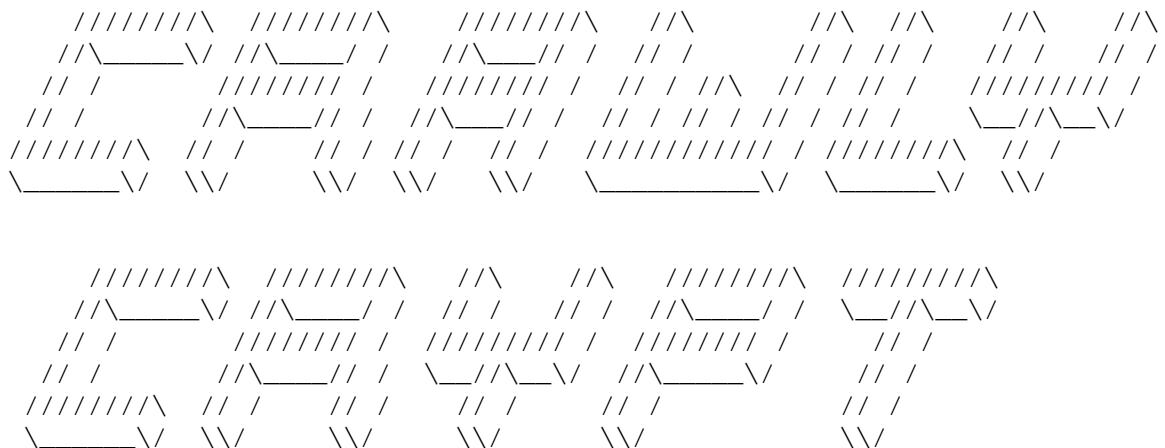
The following on-line magazines are always top downloads, frequently out-performing every other file in the databases.

STREPORT (Current issue: STREPORT 10.47)
Look for the above files in the RECENT ARRIVALS database.

> Crawly Crypt CD Offer Extended! STR InfoFile! - More CD ROM News!

NOTICE: THE SPECIAL INTRODUCTORY PRICING OFFER HAS BEEN EXTENDED
UNTIL DECEMBER 15, 1994!

Announcing The



Collection CD ROM
for Atari TOS Computers - Volume 1

A collection of files on CD ROM obtained from The Crawly Crypt BBS

The Crawly Crypt Collection is the CD ROM with a difference. The CCC is PACKED FULL of uncompressed public domain, freeware, and shareware software. Most programs run right from the CD! Unlike other Atari CD ROMs, The Crawly Crypt Collection does *NOT* contain duplicate compressed versions or other fillers.

The Crawly Crypt Collection *IS* a treasure chest of software for your Atari ST. It also contains over 50 megabytes of STe/TT software and over 120 megabytes of Falcon030 specific software. The CD is in industry standard ISO 9660 format and is readable by any Atari or IBM compatible CDROM reader that accepts ISO 9660 discs.

* SPECIAL INTRODUCTORY PRICE: \$29.99 (good until November 15, 1994) *
(After November 15, 1994 the price will be \$39.99)

Shipping & Handling to North America: \$FREE

Elsewhere: \$5.00

Note: Dealer inquiries welcome!

The Crawly Crypt Collection Volume 1 is also available from your local Atari dealer! Call and order your copy today!

For a complete list of all files on the CD, call the Crawly Crypt BBS today and download the file CRAWLYCD.ZIP. File Requests (FREQs) are also welcomed 24 hours a day! You can also place your COD or credit card (Mastercard or Visa) order for the CD on the BBS. Log on and ask the Sysop for details!

The Crawly Crypt Corp is pleased to announce it is extending the special introductory offer on the Crawly Crypt Collection Volume 1 CD ROM until December 15, 1994. Orders postmarked by that date will be able to purchase the CD for only \$29.99 (US) and receive FREE shipping. After December 15, 1994 the price goes up to \$39.99 (US) + \$3.00 shipping/handling.

The Crawly Crypt Corporation is also pleased to announce its discount program for public domain/shareware authors.

Simply stated, any pd/shareware author who submits their most recent pd/shareware offerings to the Crawly Crypt Corp for inclusion on a future Crawly Crypt CD ROM will receive a \$15 (US) discount towards the purchase of the Crawly Crypt Collection Volume 1 (when purchased direct from the Crawly Crypt Corp). This discount is in ADDITION to any other "special offer" that may be in effect at the time.

Since the Crawly Crypt Volume 1 is on sale for \$29.99 through December 15, 1994 - any pd/shareware author can obtain it for only \$14.99 if they order before the Dec. 15 deadline!!!!

NOTICE: The deadline for submitting programs for inclusion on the Crawly Crypt Collection Volume 2 is fast approaching. December 20, 1994 is the cut-off date for new submissions. We hope to have The Crawly Crypt Collection Volume 2 released in early 1995! If you have a file you want on the next Crawly Crypt Collection, SEND IT IN NOW! PD/Shareware authors may send their files direct to the Crawly Crypt BBS or via mail to the Crawly Crypt Corporation.

To order please send a check or money orders (US Funds Please) to:

The Crawly Crypt Corporation
P.O. Box 23
Webb City, MO 64870
United States

Please allow 3-5 weeks for delivery - sorry no CODs.

The Crawly Crypt BBS
Located in Joplin, Missouri USA
Using US Robotics Dual Standard Modems
With Speeds up to 16.8 HST/21.6 V.32ter/28.8 VFC/28.8 V.34
BBS Phone: +1-417-624-1887
* available 24 hours a day *

> MiNT 1.12 Available! STR InfoFile! - Binary & Source Files Released!

MiNT 1.12 is now available in both source and binary form

From: Eric R. Smith <ersmith@netcom.com>

Date: Thu, 17 Nov 1994 21:36:17 GMT

Version 1.12 of the MiNT multitasking program is now available in both source and binary forms. This release is primarily intended for programmers who are already familiar with MiNT, or for MultiTOS users who wish to upgrade their existing MultiTOS installation. The license under which MiNT 1.12 is being distributed encourages redistribution, and I hope that some more "user-friendly" packages (such as the MiNTos Unix work-alike) will soon be available. MiNT 1.12 may also be distributed with commercial products, provided that the licensing terms in the "copying" file accompanying MiNT are adhered to.

The files (available from atari.archive.umich.edu, micros.hensa.ac.uk, ftp.uni-muenster.de, and other Atari archive sites) are:

mint112b.zoo MiNT binaries
mint112s.zoo MiNT source code
mint112d.zoo MiNT documentation

--

Eric R. Smith <ersmith@netcom.com

> NEAR*US Update! STR NewsFile! - Northeast User Group Network Re-Forms!

Friends:

Received the following letter from J.C. Mordosky, VP of the Lehigh Valley Atari Users Group, about an upcoming Long Island meeting open to all Atari computer users (8- and 16-bit). Unfortunately, the date (Dec. 3) conflicts with one day of Toad's two-day Winter Festival in Maryland, but for Northeasterners (particularly those in the metro NY area) who can't attend that great show, this might prove interesting [or you could make a special point to participate the 2nd day of the MD event, Dec. 4 -- Please don't shoot me, Dave & Jennifer; I'm only the messenger.] I offered to post it for JC, the following invitation is his:

Jonathan C. Mordosky
Lehigh Valley Atari Users Group
P.O. Box 796
Whitehall, PA 18052-0796

November 19, 1994

Dear Fellow Atarians,

Can one person walk around the world? Such a task would be monumental and would likely take 2 to 4 years. However if at one time; 24,902 people each walked only one mile, the equivalent task could be completed in about

15 minutes! The longest journey can be accomplished one step at a time. If the journey is stopped for any reason, beginning again is the only way to reach those goals.

On September 9, 1989, Bob Brodie made a good will journey from Atari Corporation in Sunnyvale, California to Murry Hill, New Jersey. His purpose was to address local user groups from throughout the Northeastern United States. It was from this meeting, that the idea of a regional Atari user support group was formed.

The idea became a reality on February 17, 1990. Approximately 23 officers representing 8 Atari user groups from throughout the Mid-Atlantic States and Germany, met at the Bell Labs Research Center in New Jersey. On this day, the North East Atari Regional - User Support group (NEAR*US) was born.

The idea grew. Officers were elected, committees formed, friendships made, BBS systems networked, newsletters and library disks exchanged, and goals clarified. About 36 user groups from Canada, Connecticut, Germany, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania and Rhode Island eventually joined in supporting NEAR*US. Unfortunately, it has been several years since a NEAR*US meeting has taken place. The greatest of intentions have faltered.

Representatives from several states have once again decided to resume the journey of NEAR*US. We will be invading the Long Island Atari User Group meeting on December 3rd. (Don't worry, the natives are friendly.) We will be having an "unofficial" NEAR*US meeting following the monthly LIAUG meeting. We hope to evaluate our goals and plan for an official meeting in a few months.

This meeting is open to all. We would like to especially invite representatives from Atari user groups and the SysOps of all non-pirate Atari BBS systems. Expanding NEAR*US to non-user group BBS systems and enthusiastic individuals will be considered. We are looking for the feedback of suggestions, ideas, wants and needs.

What really is NEAR*US? First of all, NEAR*US was formed as an association of 8/16/32 bit Atari computer user groups, banded together for our mutual needs and support. It is non-profit and self-funded. We are not affiliated with Atari Corporation, its subsidiaries or any commercial enterprise. We do not support piracy either directly or implied, or the use of computers for any illegal activity.

The "original" NEAR*US goals included a network of co-operation and exchange between user group officers, BBS systems, newsletters, disk libraries and possible joint regional Atari computer shows.

The main support NEAR*US can provide is through increased communication. Communication of ideas that work, can increase our user group membership and BBS participation. It can increase the appreciation of our computers and provide much needed resources for every individual, BBS or group involved. It can foster friendships and mutually beneficial relationships among programmers, developers, SysOps, and individuals. It can connect Atari users with needed sources of information, software, hardware, books and magazines.

We will be meeting in New York, after the monthly Long Island Atari User Group meeting on December 3, 1994. It will be held in the community room of the Nesconset branch of the Smithtown Library on Long Island. The

meetings start at 12 noon and should last about 4 hours.

Pat Mulvey, LIAUG president has graciously offered to arrange transportation for anyone wishing to use the Bridgeport Ferry. Please call (516) 221-2964 and leave a message to take advantage of this service. He can also be reached through The New Nest BBS at (516) 234-4943.

The idea of invading the Long Island Atari User Group meeting on December 3rd started as a personal trip, about three weeks ago. I would like to personally apologize for such short notice. It is coming together quickly. There wasn't any big plot. It just started happening!

On December 3rd & 4th, Toad Computers is having their Holiday Festival '94. The conflict with this great event and the "unofficial" NEAR*US meeting was also not planned. I am sorry for putting anyone in the position of making a choice between the two. If you choose the Toad Holiday Festival, enjoy. It sounds like lots of fun to me too.

If you contact me via the address at the beginning of this letter or my GEnie address, I will personally keep you informed of the meeting results and on the status of NEAR*US. Please provide your US Mail and/or a GEnie address. We are looking forward to meeting you.

Sincerely,

Jonathan C. Mordosky
LVAUG Vice President

GEnie: J.C.MORDOSKY
Internet: J.C.MORDOSKY@genie.geis.com

About our host:

Located in New York, The Long Island Atari User Group (LIAUG) is the oldest Atari user group on Long Island. They support all Atari computer products including the 8-bit and ST line of computers.

Monthly meetings are held at the Nesconset branch of the Smithtown Public Library on the first Saturday of the month. Meetings are open to all those interested at no charge. They start at 12:00 p.m. in the community room in the back of the library. Demonstrations of 8-bit and ST hardware and software are regularly featured.

Membership in LIAUG has several benefits. Members receive a fine monthly newsletter, The LIAUG Lighthouse. They also receive full access to The New Nest BBS, with its' many message bases and file sigs. The New Nest networks several message bases with other BBSes in the US, Canada, and Europe. Membership dues are \$25 per year.

How do I get to the NEAR*US/LIAUG Meeting?

Below are routes from two major highways on Long Island. These highways are easily found on New York maps. If you need further transportation or route information, please call (516) 221-2964 and leave a message.

If you are planning on using the Bridgeport ferry and need transportation to and from the meeting, call the above phone number.

Pat Mulvey, LIAUG president will get back to you with arrangements.

Directions from Interstate 495, the Long Island Expressway:

Take exit 58 North (Old Nicholls Rd.), continue north for approximately two miles and make a left (west) turn onto Smithtown Blvd. (There's a bank and a plumbing supply house at this corner.) Continue west for 1 1/2 miles to the Nesconset Plaza on the right hand side of the road. The library is located in the west end of the plaza.

Directions from the Northern State Parkway:

Take the Northern State Parkway to the end where it continues east as Veterans Memorial/Nesconset Highway (routes 347/454). Go east approximately two miles and take the left fork (347). Continue for another three miles to Terry Road (Watermill Inn). Make a right turn onto Terry Road and take the left fork (approximately 3/4 mile), onto Smithtown Blvd. The library will be in the Nesconset Plaza on the left hand side approximately 1 mile from the fork.

Can I stay overnight?

The LIAUG will be happy to provide the name and phone numbers of hotels in the area. There are several hotels close to the meeting site in the \$50 per night and under range.

We encourage you to pass this file on provided it remains unaltered in content or completeness. Atari and ST are trademarks of Atari Corporation and are not affiliated with LIAUG, LVAUG or NEAR*US.

=END=

> STR NewsWire! - From the Various News Services

-/- Prodigy Note Writer Unknown -/-

Another wrinkle has developed in the recent libel suit filed against Prodigy: the court still can't determine who actually wrote the note that prompted securities firm Stratton Oakmont to file the \$200 million suit against the IBM/Sears online service.

Writing in The Washington Post this morning, reporter Jerry Knight says that at the heart of the suit is an online note that said, "This is fraud, fraud, fraud and criminal!!!" in describing a recent stock offering promoted by Long Island, New York, securities firm Stratton Oakmont that paid a \$2.5 million penalty for securities law violation earlier this year.

The message was signed online by one David Lusby of Key West, Florida. However, says Knight, Prodigy subscriber David Lusby of Key West has sworn under oath that he didn't write the message that carried his name and Prodigy ID. Also another Prodigy subscriber named David Lusby (who lives in Severna Park, Maryland, and has a different ID) said he didn't write it either.

Says Knight, "The Florida Lusby is a former Prodigy employee who told Stratton's lawyer Friday he managed a group of software testers who had passwords to get into many in-house accounts that were listed in his name."

As reported earlier, Prodigy's lawyers promised to try to track down the source of the offending message. Washington lawyer Robert Charles of Weil Gotshal & Manges tells the Post the identity of the person could complicate Prodigy's defense, adding, "If a hacker got onto their system, it raises a new question about whether somehow Prodigy should have prevented that from happening."

Charles also says Prodigy could have a problem on another front, because of its practice of editing public bulletin board messages. No one has ever won a libel suit against a computer information service. As noted earlier, CompuServe successfully fended off a libel suit over one of its bulletin boards using what is known as the common carrier defense (that online services are no different than a phone company or a library, not responsible for every word that goes over the wires or through the doors).

Writes Knight, "CompuServe said it was neither the author nor editor of the offending message and had no control over it, but Charles said Prodigy may not be able to use that argument. That's because Prodigy edits its bulletin boards. ... Prodigy looks for obscene language and sends back to their writers any message that contains four-letter words. After a lawsuit by the Anti-Defamation League, Prodigy also screens for anti-Semitic slurs."

Stratton Oakmont attorney Jacob Zamansky argues that since Prodigy has the capability to screen messages, he has asked the service to block any derogatory messages about his client.

"So far, Prodigy has refused," the Post reports, "but Zamansky said he may seek a court order to protect his client."

-/- Stones' Internet Debut a Yawner -/-

The Rolling Stones now can claim cyberspace among the worlds the band has conquered, though listeners say the group's debut on the Internet last night was less than satisfying.

As reported here, the Stones announced earlier this month they would become the first group to broadcast a concert live over the global network.

Susan Moran of the Reuter News Service reported this morning, "Mick Jagger, himself an 'info-freak' according to Rolling Stones spokesman Ted Micohis, offered the first five songs from the band's show at Dallas' Cotton Bowl stadium to anyone with access to high-powered workstations equipped with software to receive video and audio over the Internet."

But sending is one thing; receiving is something else. As Moran notes, "Engineers and software designers can readily appreciate the technological feat of such a 'multicast' -- cyberspeak for broadcast -- but for average rock fans and others who are simply technologically challenged, the 20 minutes of Stones on cyberstages was hardly riveting. At an Internet viewing site here, about 30 employees and affiliates of the computer maker Sun Microsystems Inc. gathered in front of a large screen to watch Jagger and his band members gyrate at the speed of about eight frames per second and sing barely decipherable tunes."

Reacting, Eric Schmidt, chief technology officer at Sun, told Moran, "I went to the Stones concert and let me tell you, watching it at eight

frames per second is hardly like seeing them live or at 30 frames a second (on the TV), but I think people who look at it will understand that they're seeing only the beginning."

John Graham, a chief engineer at Sun who worked through much of the night to connect Sun's computer systems to the Internet, added, "Three or four years from now, it'll look and sound better (in digital form) than on broadcast television."

Moran commented that renditions of the five songs -- "Not Fade Away", "Tumbling Dice", "You Got Me Rocking", "Shattered" and "Rocks Off" -- sounded "like skyrises being demolished. But Jagger's British accent came through."

She adds that while the Stones can claim the credit as the first band to broadcast a live concert on the Internet, a Seattle, Washington, band called Sky Cries Mary beat the Brits by a few days in performing over the vast network in a one-hour studio-based session.

JAGUAR SECTION
=====

Dragon Released! Jaguar in Japan!
New Jaguar Demo Video! ATC Earnings!
Tempest 2000 CD Soundtrack!
Kasumi Ninja Characters! AvP Sellout!
Val D'Isere Notes! Iron Soldier!
And More!!

> From the Editor's Controller - Playin' it like it is!

Well, it's certainly starting to feel like the beginnings of a holiday season. Dragon: The Bruce Lee Story and Doom have started to appear on the shelves. And, Brutal Sports Football has been re-released and is currently available again - all problems resolved, as I've heard. More are on the way folks, the party is about to happen!

Since it's a holiday, I'm not going to editorialize about the ups or downs of the rumored "a lot of games, limited quantities" possibility. I see some benefits, and some down sides to either scenario. As end users, we'll likely have something to say about this no matter how Atari handles the situation. I'll leave this topic for another issue.

We've got a lot of ground to cover this week. There are numerous announcements appearing in this week's issue, including a brief report of Atari's 3rd quarter earnings, the Jaguar being released in Japan, AvP sold out, an Iron Soldier exclusive on Compuserve, a new Atari video, and lots more!

We're going to be busy in the next few weeks with reviews of upcoming games, as they arrive. We'll also keep you informed as we

learn of new titles hitting the streets.

We're also still looking to increase our Jaguar staff. We've been getting some responses so far and we're busy sifting through them. If you're interested in joining us, please drop me a line at "dpj@delphi.com."

Also, our "name the first 20 Jaguar games released" contest is going strong. Don't be left out in the cold, and get your entry in soon - the contest ends in less than a month!

So, sit back, relax, and have another helping of turkey and the rest of the left-over fixings!! And while you're at it, enjoy yet another issue of your favorite - published every week! - Jaguar support magazine - a recommended read by Atari!

Until next time...

> Jaguar Catalog STR InfoFile - What's currently available, what's coming out.

Current Available Titles ~~~~~

CAT #	TITLE	MSRP	DEVELOPER/PUBLISHER
J9000	Cybermorph	\$59.99	Atari Corp.
J9006	Evolution:Dino Dudes	\$49.99	Atari Corp.
J9005	Raiden	\$49.99	FABTEK, Inc/Atari Corp.
J9001	Trevor McFur/ Crescent Galaxy	\$49.99	Atari Corp.
J9010	Tempest 2000	\$59.95	Llamasoft/Atari Corp.
J9028	Wolfenstein 3D	\$69.95	id/Atari Corp.
JA100	Brutal Sports FtBall	\$69.95	Telegames
J9008	Alien vs. Predator	\$69.99	Rebellion/Atari Corp.
J9036	Dragon: Bruce Lee	\$59.99	Atari
	Doom	\$69.99	id/Atari

Available Soon ~~~~~

CAT #	TITLE	MSRP	DEVELOPER/PUBLISHER
J9007	CatBox	\$49.95	ICD
	CatBox +	\$69.95	ICD
	Checkered Flag	\$69.99	Atari
	Club Drive	\$59.99	Atari
	Theme Park	TBD	Ocean
	Syndicate	TBD	Ocean
Troy Aikman Football	\$69.99	Williams	
Sensible Soccer			
J9012	Kasumi Ninja	\$69.99	Atari
	Cannon Fodder	TBD	Virgin
	Hover Strike	\$59.99	Atari
	Iron Soldier	\$59.99	Atari
	Zool 2	\$59.99	Atari

Hardware and Peripherals ~~~~~

CAT #	TITLE	MSRP	MANUFACTURER
J8001	Jaguar (complete)	\$249.99	Atari Corp.
J8904	Composite Cable	\$19.95	
J8901	Controller/Joypad	\$24.95	Atari Corp.
J8905	S-Video Cable	\$19.95	

> Industry News STR Game Console NewsFile - The Latest Gaming News!

PALO ALTO, Calif. (Reuter) - Atari Corp., which last week acknowledged that delays in getting software titles to market hurt the company's third-quarter earnings, said the problem has been rectified and now expects to have about 20 titles out by Christmas.

"It's absolutely not a problem now. You'll see lots and lots of software titles coming out soon," President Sam Tramiel told Reuters in an interview at the game maker's headquarters.

Last Tuesday Tramiel said in a statement that Atari will report a loss of about \$3.9 million in its third quarter.

That compares with a larger \$17.6 million loss in the 1993 quarter. He said the loss in the recent quarter was "a result of delays in software releases as well as expenses related to promotional activity" related to the company's Jaguar player.

Atari will soon formally report its quarterly results. He said Atari, which lost \$48.9 million, or 85 cents per share, last year, "will not have big profits in 1995."

Asked if he expects the company to return to profits next year after two years of losses, Tramiel said, "I can't predict when we'll make a profit but we are very close to it already."

"Our key target is getting Jaguar more established in the marketplace," he said. "We'll be pumping all we can back into marketing and establishing Jaguar."

With a recent \$40 million investment from rival Sega Enterprises Ltd for a 7.4-percent equity stake, on top of Sega's \$90 million dollar payment to Atari in a lawsuit settlement, Tramiel said Atari is equipped to succeed.

Time Warner Inc., which is using Jaguar in its forthcoming interactive television trial in Orlando, Fla., owns another 25 percent of Atari. Tramiel said Atari is on track to sell some 200,000 Jaguars on about 30 titles by year-end.

Atari just released "Alien Vs. Predator" last month and plans to release five new titles, including the popular "Doom."

Analysts say Jaguar, the only 64-bit system on the market, offers better sound, resolution and faster speed than the predominant 16-bit machines made by Nintendo Co. Ltd and Sega, and 3DO Co.'s 32-bit multiplayer.

"But software drives sales -- period," said Charles Lemonides, an analyst at Gruntal & Co. "It doesn't matter how good the hardware is if you don't have good software."

He said Atari will be clearly in the game if it can roll out 10 to 15 new games quickly and keep titles flowing in.

For Immediate Release

ATARI JAGUAR STALKS JAPAN

SUNNYVALE, CA (November 21, 1994) -- Atari Corporation today announced that the Atari Jaguar, the world's only 64-bit video game system, will now be available at all 25 Toys "R" Us stores and other selected stores in Japan. Mumin Corporation of Tokyo, Japan, will handle distribution and sales. Japanese consumers will be able test-drive the Atari Jaguar Interactive Multimedia System at special demonstration kiosks in Toys "R" Us stores.

"The Japanese are very serious about their video game systems, and they will choose the system with the best graphics and most sophisticated playing environment," said Sam Tramiel, CEO of Atari Corporation. "We think that if they are given the chance to compare, Japanese gamers will choose Atari Jaguar."

The launch in Japan marks another significant milestone in building distribution for the Atari Jaguar system. Introduced in October of last year, the Jaguar was only available in New York and San Francisco during last year's important holiday shopping season. Today, the Jaguar is available throughout the United States, Canada, Europe and, now, Japan.

"We have the best game system in the business, hit games like Alien Vs. Predator and the soon-to-be-released Doom, and we are expanding our distribution," Tramiel added. "The momentum for Jaguar is building every day."

Since its release in November 1993, Atari's Jaguar game system has been named the industry's "Best New Game System" (Video Games Magazine), "Best New Hardware System" (Game Informer) and "1993 Technical Achievement of the Year" (DieHard GameFan).

Atari Corporation markets interactive multimedia entertainment systems, including Jaguar, the world's only 64-bit game system, and the only video game system manufactured in the United States.

#

Contact: Ron Beltramo
Atari
408/745-8852

David Harrah
Edelman Public Relations
415/968-4033

For Immediate Release

ATARI'S ALIEN VS. PREDATOR HITS BIG IN STORES

SUNNYVALE, CA (November 22, 1994) -- Atari Corporation today announced that initial production of its new Alien Vs. Predator game, launched October 21st in stores around the world, has nearly sold-out. Atari is working with suppliers to rush additional quantities to stores in anticipation of increasing pre-Christmas demand for the game. Alien Vs. Predator utilizes the sophisticated graphics and power available from the 64-bit Atari Jaguar.

"In less than three weeks, over 50% of our installed base purchased Alien Vs. Predator," said Sam Tramiel, CEO of Atari Corporation. "This is the most enthusiastic reception we've ever seen for a game and is indicative of what a truly great game Alien Vs. Predator really is. We have also seen a strong increase in sales for the Jaguar system coinciding with the release of this game and the launch of our expanded advertising program."

Atari's new Alien Vs. Predator for the 64-bit Jaguar system provides such realistic graphics and life-like digitized sound effects that it creates a compelling, first-person perspective. Gamers can choose to be the Predator, Alien or Colonial Marine as they battle through the Predator ship, the Marine Training Base or the Alien ship, enjoying hours of entertainment. Alien Vs. Predator is licensed from Twentieth Century Fox and is based on the films of the same names.

Key game reviewers have been effusive in their praise for Alien Vs. Predator. Paul Anderson of Game Informer Magazine stated: "I was overwhelmed with the cutting edge graphics and the innovative game play of AVP --no question it's the best Jaguar game to-date."

"Alien Vs. Predator is the best 3-D action game that I have ever played -- the graphics and game play are second to none," wrote Dave Halverson, editor-in-chief of DieHard GameFan. "If you own a Jaguar, you must own this game, and if you don't own a Jag, it's time to get one. More games are on the way!"

Atari plans to release more startlingly realistic games. Games scheduled for late November release include Club Drive, Dragon: the Bruce Lee Story and Doom.. December releases include Iron Soldier, Val D'Isere Skiing, Kasumi Ninja, Zool II and Bubsy.

Since its release in November 1993, Atari's Jaguar game system has been named the industry's "Best New Game System" (Video Games Magazine), "Best New Hardware System" (Game Informer) and "1993 Technical Achievement of the Year" (DieHard GameFan).

Atari Corporation markets interactive multimedia entertainment systems, including Jaguar, the world's only 64-bit game system, and the only video game system manufactured in the United States.

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> Compuserve Atari Gaming Forum Exclusive! - Iron Soldier Video Clip!

A Thanksgiving day present from Atari Corp.
Available exclusively on The Atari Gaming Forum.

By special arrangement with Atari Corp., the Atari Gaming Forum staff has obtained permission to convert the preview of IRON SOLDIER for the Jaguar from the Atari demo video tape for display (in QuickTime Format) on your PC or Mac computer.

Before downloading this video clip, please keep some significant limitations in mind:

- 1) The clip is meant to be a quick peek at the game, IRON SOLDIER. However, the 30 second clip will be limited by the resolution of your PC system and the speed of your CPU as well as inherent limitations in the QuickTime video display program. As a result, what you see on your PC will not be the same high quality as what you will see on your Jaguar system. Video resolution, game play and character motion will be better on the Jaguar.
- 2) To view the clip (only on a Mac or PC) you need the QuickTime movie viewer. This can be downloaded for the PC from the EDRIVE area (GO VIEWER) or from the MACDEV Forum. It can be viewed with ver 1.0 or 2.0 of the QuickTime program.
- 3) This clip was created from the Atari demo tape for the Jaguar. If there is interest, we will generate more video samples from the tape as well as exclusive new previews. **HOWEVER--** we need your feedback!
- 4) The clips are in self-extracting file formats for the PC and the Mac. You must double click on the file to extract it and then play the .MOV file on your system.
- 5) This is a ***big*** download. It will take approx. 30 minutes at 14.4kbps, longer at slower speeds. Be sure your PC or Mac system can view these clips before downloading. These pics are **NOT** viewable on an Atari computer.
- 6) The clip supports a sound card. You won't get audio output on a PC without a sound card.

Having issued all the above warnings, we have to say we're excited for the chance to make this first clip available to our members. This clip is available exclusively on the Atari Gaming forum on CompuServe through Sunday, December 11, 1994 by arrangement with Atari Corp. After that time, it may be circulated to other BBS systems as long as this file is attached in its complete forum.

This clip remains the copyrighted property of Atari Corp. and may not be retransmitted or used for any commercial purposes without the express written consent of Atari Corp.

The video clip translation of the tape clip was done by the staff of the Atari Gaming Forum on CompuServe.

Please post your comments and let us know if you'd like to see more of these video clips.

Address your messages to:

Sysop*Ron Luks
76703,254

p.s.-- Please stop by your local Atari Jaguar dealer and ask to see the full demo tape. If you don't have an Atari dealer near you, contact Don Thomas of Atari Corp. at CompuServe Email address 75300,1267 for information about obtaining a copy of the tape.

> Jaguar Developers STR InfoFile - Current Developer Lists & Titles

Game Title	Date	Game Type	MSRP	Publisher
Air Cars	12/94	Racing	\$59.99	Midnight Ent.
Alien vs Predator	NOW	Role Play/Adventure	\$69.99	Atari
Arena Football	1Q/95	Sports	TBD	V Reel
Assault	1Q/95	Action/Combat	\$59.99	Midnight Ent.
Barkley Basketball	2Q/95	Sports	TBD	Atari
Battlemorph	12/94	Flying/Action	\$59.99	Atari
Battle Wheels	1Q/95	Racing/Combat	TBD	Beyond Games
Blue Lightning (CD)	12/94	Flying/Action	\$59.99	Atari
Brett Hull Hockey (CD)	2Q/95	Sports	TBD	Atari
Brutal Sports Football	NOW	Sports/Combat	\$69.99	Telegames
Bubsy	12/94	Action/Adventure	\$49.99	Atari
Burnout	1Q/95	Sports	TBD	Atari
Cannon Fodder	11/94	Action/Adventure	TBD	Virgin
Checkered Flag	11/94	Racing	\$69.99	Atari
Club Drive	11/94	Racing	\$59.99	Atari
Creature Shock (CD)	1Q/95	Adventure/Sci-Fi	TBD	Atari/Virgin
Cybermorph	NOW	Flying/Action	\$59.99	Atari
Dactyl Joust	2Q/95	Action	TBD	Atari
Demolition Man	1/95	Action/Combat	\$59.99	Atari
Doom	NOW	Action/Combat	\$69.99	Atari
Double Dragon V	12/94	Action/Adventure	\$59.99	Williams
Dragon:Bruce Lee Story	NOW	Combat	\$59.99	Atari
Dragon Lair (CD)	1Q/95	Adventure	TBD	Ready Soft
Dreadnought (CD)	2Q/95	Adventure	TBD	Atari
Dungeon Depths	1Q/95	Action/Adventure	\$59.99	Midnight Ent.
Evolution: Dino Dudes	NOW	Puzzle/Adventure	\$49.99	Atari
Flashback	12/94	Action/Adventure	TBD	US Gold
Fight For Life	1Q/95	Combat	TBD	Atari
Hardball Baseball	2Q/95	Sports	TBD	Atari
Highlander (CD)	1Q/95	Action/Adventure	\$59.99	Atari
Horrorscope	1Q/95	Combat	TBD	V Reel
Hover Strike	11/94	Action/Combat	\$59.99	Atari
Iron Soldier	11/94	Action/Strategy	\$59.99	Atari
Jack Nicklaus Golf(CD)	2Q/95	Sports	TBD	Atari
Kasumi Ninja	11/94	Combat	\$69.99	Atari
Rage Rally	1Q/95	Racing	TBD	Atari
Raiden	NOW	Action/Adventure	\$49.99	Atari
Rayman	12/94	Action/Adventure	TBD	UBI Soft
Robinson Requiem	1Q/95	Adventure	TBD	Atari
Soccer Kid	1Q/95	Sports	TBD	Ocean
Space War	12/94	Action/Adventure	\$59.99	Atari

Star Raiders	1Q/95	Space Simulation	TBD	Atari
Syndicate	11/94	Simulation	TBD	Ocean
Tempest 2000	NOW	Action/Adventure	\$59.99	Atari
Theme Park	11/94	Simulation	TBD	Ocean
Tiny Toon Adventures	1Q/95	Action/Adventure	\$59.99	Atari
Trevor McFur	NOW	Action/Adventure	\$49.99	Atari
Troy Aikman NFL Ftball	12/94	Sports	\$69.99	Williams
Ultimate Brain Games	12/94	Puzzle	TBD	Telegames
Ultra Vortex	12/94	Action/Adventure	\$69.99	Beyond Games
Val D'Isere Skiing...	12/94	Sports	\$59.99	Atari
White Men Can't Jump	1Q/95	Sports	TBD	TriMark
Wolfenstein 3D	NOW	Combat/Action	\$59.99	Atari
Zool2	11/94	Action/Adventure	\$59.99	Atari

[Editor's note: Titles, scheduled release dates, and prices are verified from Atari and Edelman Public Relations - all subject to change]

>Jaguar Easter Eggs/Cheats/Hints STR InfoFile - Solving Those Riddles!

AvP Codes; don't ask us.

From: "Rebellion Developeme" <rebel@cix.compulink.co.uk>
Date: Fri, 18 Nov 1994 09:39:35 GMT (Page 1 of 1)

We've been getting a lot of mail asking us to give out AvP codes -- basically, we can't do that. Atari want to control the release of secrets in their games until Atari are ready to hand them out; so we can't tell you anything until /they/ want us to do so, or to do so themselves.

Sorry about that -- it's under their control, not ours.

-- dan @ Rebellion

[Editor's Note: We've recently received a HUGE batch of Jaguar game hints and playing tips for current and upcoming games! We're continuing to sort these out in such a way as to make them available to you in a manner to help provide you with helpful information. In order that we don't spoil your gaming enjoyment, we will not publish these "tip sheets" en masse! If you're looking for specific tips, please drop us a letter in E-Mail (address mail to dpj@delphi.com) and we will do our best to send you a quick reply!]

One of the nation's most active and supportive areas online can be found in Compuserve's Atari Gaming Forums. It's here that we have found a number of informative messages and tips regarding the Jaguar. Credit is to be given to the respective message authors.

Regarding first glances of Dragon: The Bruce Lee Story:

#: 60769 S15/Jaguar General
23-Nov-94 04:04:31
Sb: #60698-#Dragon Has Arrived.
Fm: Steven Bernhard 74134,2022
To: Steve Watkins 74241,3001 (X)

Steve,

"Specifics, please. Backgrounds-what do they look like? Plot. Character development(ie, gaining moves/weapons). Manual-good/sucko. How many characters? MOST IMPORTANTLY-player control."

In the graphics department, backgrounds are the strong point for this game. However, in my opinion nothing that could'nt be done on SNES. There's some parallax scrolling but again nothing ground breaking.

There is 5 different modes in which to play. 1)One player in which you (Bruce Lee) fight the CPU and follow the films story line. 2)Two player story line in which 2 people play simultaneously against the CPU. 3)One player battle against the CPU with no story line. 4)Two player battle is just head to head competition with a friend and no story line. 5)Two player Vrs CPU battle is you and a friend playing against the CPU without the story line.

In the battle modes you are able to choose the best of how many fights. That is 3,4,5, or 6 trophies.

In the story modes you earn points for every successful attack and bonus points for impressive play. Chi, Bruce's inner strength, is gained by performing successful attacks and lost for unsuccessful ones. Chi can also be gained by hitting the opponent first, collecting items, etc. Chi enables energy to be replaced but it needs to be at maximum for this to occur. It's displayed by a horizontal bar at the top of the screen. Also, when you boost the Chi meter you will be able to have two new modes of combat, fighter and nunchaku. In fighter mode you have the following moves. 1)Ultra fast punch. 2)Ultra fast kick. 3)Somersault. 4)Ultra fast jumping kick. 5)Ultra fast flying kick. In Nunchaku mode: 1)Stab Attack. 2)Swing Attack. 3)Swapping hands. 4)Neck tie.

There's 10 stages in the game. 1)Honk Kong 2)Gussie Yang's Kitchen 3)Seattle 4)Oakland 5)Hong Kong 6)Bruce's Kwoon 7)Long Beach Stadium 8)Thailand 9)Hong Kong(yes again) 10)The Graveyard

I think the manual is adequate. It goes into pretty good detail. It's pretty thick but that's because it's in three different languages. All in all not bad.

I think the controls are quite good. Response is good and it seems to be fairly easy to do the moves. Note, fighting games are definitely not my genre so for me to be able to control the character is, I think, an indication of good controls.

After limited playing time here's what I think. The battles last too long. My hands start to cramp up. The difficulty level is pretty high even on the easy level. (Again I'm not a fighter fan) The fun factor for me is low so far. This game probably would have been rated average for the SNES if that high. This is my main disappointment with the game. We should all expect much more on the 64 bit Jag. When

prospective Jaguar owners see this game they will probably wonder is the Jag really 64 bits. Virgin is just lucky that right now Jaguar owners are hungry for some new software because if they had more competition I'm sure many Dragon's would remain on the shelves. Well, I hope I've done a pretty good job of answering your questions.

Steve
Gameware Express

#: 60751 S15/Jaguar General
22-Nov-94 22:32:48
Sb: #*Dragon* Mini-Review
Fm: Joe C./VidGam 74431,2506
To: All

OK - here's the deal with Dragon: The Bruce Lee Story. Basically it's like a *small* combination of Street Fighter and Streets of Rage. There are options like 1-player Story (set up like the movie, starting in the catering hall, then moving onto the kitchen in San Francisco, etc..), 1 player Battle (let's you select the scene as you fight 5 rounds each against other fighters), and two player battle (two-player mode against each other). There are difficulty and speed settings as well (Manic being the highest speed). The backgrounds are pretty nice, and there are a few scrolling layers on particular scenes (some impressive, others not). The characters are what probably lowered the scores - they look 16-bit...no better than your average fighters in a SNES game. The music is excellent, and the sound effects are ok...adequate, but nothing earth shattering. Bruce starts off with a set amount of moves, and under his life bar is a second bar representing CHI. As you fight, your CHI bar starts to fill, and once it hits a certain point, the word FIGHTER appears and suddenly Bruce gains around 4 or 5 deadly moves; when CHI bar reaches the max, Bruce gets awarded with Nunchucks (<-sorry 'bout the misspell - I'm rushing this one out). If you lose all of your fighters (I believe you start with 3), the scenery changes to dark shades of blue, as Bruce has to face his demon (remember that giant thingy from the movie?). I'm not sure how this part works -but if you at least stand up to this guy long enough - you're put back into the game at the level you got your butt kicked on (I imagine you eventually work yourself up to this character for a fight to the finish at the end of the game). My initial reactions when I popped this game on were - geez, this doesn't look next-generation to me- but after a few of us played it a bit - we found ourselves going back for one more try (quite a few times) as it is quite hard. I can see why GameFan gave it low scores, but because I expected a disaster (like Shadow on 3DO), I was actually surprised. OK, again - don't expect some revolutionary special effects like you did in Tempest, or fireballs coming from Bruce Lee (he's not Ryu <g>), but as a fighting game, it's really not all that bad. Personally I like it better than Brutal Sports Football, Raiden, Crescent Galaxy, and Dino Dudes (at least from this perspective). A few customers popped by to check it out - they played it for 2 minutes, got whipped, then said "this game really does suck", as they kept asking if they can give it another shot. When they got to the second level (fighting the two cooks), their reaction started to change a bit. I'm not giving this the green light.. recommending you run out and buy it - but it's certainly not terrible!

Joe "C".

Fm: Ted Tahquechi-Atari 72662,1314

<<Kasumi Ninja Characters>>

Hi!! Here is the list:

Senzo: The oldest of the two ninja brothers. Habaki: The youngest of the ninja Brothers Alaric: King of the Goths Pakawa: Comanche Warrior Chagi: Kickboxer Angus: Scotsman Brawler Thundra: Amazon queen. Danja: Gang Leader Gyaku: Evil Ninja

Hope this helps...

||| Ted T. Atari Corp.
/ | \ Riding the 64 Bit Wave...

CATnips.... Jaguar notes from Don Thomas

Atari has a brand new VHS preview tape and it's better than ever! Over 30 Jaguar titles have been captured on video tape and just in time for the Holidays. This tape has been meticulously produced under the direction of Mr. Greg LaBrec using state-of-the-art direct-to-tape equipment and techniques. The action sequences selected were provided by the game producers or the guidance of the third party developers. Okay, okay... forget the hype... it's a darn cool tape and it has a cool plastic box and label too.

This new edition updates the previously released software preview videos with exciting captures to show off last minute changes to games that are now in production. There are incredible sequences featuring action games such as Iron Soldier and high-resolution fantasy games such as Rayman by ubi Soft.

Although this tape has been developed primarily for the use of Jaguar retailers, I have twisted Marketing's arm and they (actually he) has finally allowed me to sell copies to our faithful online Jaguar fans. I told him how everyone wants to see what has been taking so long. I mentioned that gamers want a good preview of things they are being asked to spend \$50 to \$70 on. I assured him people want an update of what has been going on in the past few months since CES. Now he's convinced and I have to sell more than three tapes fast or he'll never believe me again. <g>

Want more info? Here's the video menu...

Approx.

Tape

Pos. SEGMENT

AVAIL. IN STORES

Pos.	SEGMENT	AVAIL. IN STORES
:20	TEACHER SPOT	
:49	Doom	EARLY DECEMBER
2:34	Dragon: The Bruce Lee Story	LATE NOVEMBER
4:00	Checkered Flag	EARLY DECEMBER
5:45	Iron Soldier	MID DECEMBER
7:42	Zool 2	LATE DECEMBER
8:57	Kasumi Ninja	LATE DECEMBER

10:25	Club Drive	LATE NOVEMBER
11:56	ALIEN VS. PREDATOR SPOT	
12:27	Alien Vs. Predator	AVAILABLE NOW
15:34	Ultra Vortex (Beyond Games)	DECEMBER
17:06	Val D'Isere Skiing and Snowboarding	EARLY DECEMBER
18:49	Bubsy	LATE DECEMBER
20:05	Double Dragon V (Williams)	DECEMBER
21:30	Flashback (US Gold)	DECEMBER
22:49	Brutal Sports Football (Telegames)	DECEMBER
23:50	Sensible Soccer (Telegames)	
25:03	TEMPEST 2000 SPOT	
25:34	Tempest 2000	AVAILABLE NOW
26:58	Wolfenstein 3d	AVAILABLE NOW
28:06	Cybermorph	AVAILABLE NOW
29:20	Raiden	AVAILABLE NOW
30:32	Evolution: Dino Dudes	AVAILABLE NOW
31:35	Trevor McFur in the Crescent Galaxy	AVAILABLE NOW
32:50	Syndicate (Ocean)	DECEMBER
33:47	Theme Park (Ocean)	DECEMBER
34:35	Air Cars (Midnight)	DECEMBER
35:39	Troy Aikman NFL Football (Williams)	DECEMBER
36:34	Cannon Fodder (Virgin)	DECEMBER
37:43	Dragon's Lair (Readysoft)	
38:31	Hover Strike	
39:20	Fight For Life	
40:00	Burn Out	
40:43	Rayman (ubi Soft)	DECEMBER
41:52	VLM (Virtual Light Machine)	DECEMBER

Okay, okay... here's the deal. The cost is \$8.95 plus \$4.95 shipping and handling. That's a total of \$13.90 (\$14.64 in California) (\$15.90 in Canada). Mastercard, Visa and money orders accepted (Checks and money orders should be made payable to Atari Corporation. NOT IN MY NAME! <g>). I can ship to any location in North America including U.S. and Canada. To order, send your order to:

Atari Corporation, P.O. Box 61657, Sunnyvale, CA 94089-1657

OR contact me via Internet or on Compuserve:

75300.1267@compuserve.com

OR send me private E-Mail (to the SysOp) on:

CATscan BBS 209-239-1552

or fax your request to:

Atari Customer Service Fax 408-745-2088

Personally, I'm going to have my tape signed by Greg LaBrec. If you want him to sign your copy, let me know and I'll see if I can catch him in a good mood for you! <g>

I also have Alien Vs. Predator posters remaining. There is one for each shipping and handling fee of \$4.95 (\$6.95 in Canada). These are cinema-size posters and I've already heard back from gamers who have had theirs laminated, mounted and framed.

By the way, you can help a LOT even if you don't want to order the tape

or request a poster by passing this offer electronically to another Forum, Roundtable or BBS or make a hard copy and give to friends. Thanks!

CATnips Jaguar hot news from Don Thomas

Tempest 2000(tm) The Soundtrack shipping soon!

Ever since the release of Tempest 2000 (the extraordinary 64-bit Jaguar update to one of the most phenomenal video games of all time), gamers have been pleading for an audio disc of the outstanding music soundtrack. At the summer Consumer Electronics Show in Chicago, Atari announced that such a compact disc was planned and I am pleased to report that I have seen one of the first ones off the "press" arrive in our offices today. The disc features 12 selections as follows:

1. Thermal Resolution	3:59
2. Mind's Eye	4:52
3. T2K	5:23
4. Ease Yourself	7:52
5. Tracking Depth	5:04
6. Constructive Demolition	4:05
7. Future Tense	5:54
8. Digital Terror	5:07
9. Hyper Prism	4:26
10. Glide Control	5:12
11. Ultra Yak	4:00
12. 2000 Dub	7:31

The CD is produced by AtariMusic; a division of Atari Corporation. The executive producer is Mr. John Skruch. The director of audio is Mr. James Grunke.

I have asked Mr. Grunke to let me know as soon as the CD was to be made available. They have been duplicated and they are in the process of being properly packaged.

Although he is not quite sure whether it will be 10 or 14 business days due to Holiday schedules, he assures me Atari will take delivery of them very "soon" now. Soon enough, that he is permitting me to begin accepting pre-orders which I can ship when they arrive.

So once again... here's the online deal!....

The cost is \$12.99 plus \$3.50 shipping and handling to reserve your copy to be assuredly shipped before Christmas. (The shipping and handling is reduced from Atari's normal \$4.95 for a limited time.) That's a total of \$16.49 (\$17.56 in California) (\$18.49 in Canada). Mastercard, Visa and money orders accepted (Checks and money orders should be made payable to Atari Corporation. NOT IN MY NAME! <g>). I can ship to any location in North America including U.S. and Canada. Please allow 14 to 21 business days for delivery. (Please note this is a pre-order. Payments will be processed immediately so your order is ready to ship as soon as they arrive.) To reserve yours, send your order to:

Thomas' Terrific Tempest 2K Tunes Deal
Atari Corporation
P.O. Box 61657
Sunnyvale, CA 94089-1657

OR contact me via Internet or on Compuserve:

75300.1267@compuserve.com

OR send me private E-Mail (to the SysOp) on:

CATscan BBS 209/239-1552

or fax your request to:

Atari Customer Service Fax 408-745-2088

I've mentioned to James that a few people enjoyed having Mr. Greg LaBrec autograph their video tapes. James said he'd be happy to sign a couple compact disc sleeves if I hit him up when he's not too busy. <g> (by specific request only, allow a few extra days) By the way, music and Jaguar retailers who are interested in carrying Tempest 2000: The Soundtrack can send me a fax or EMail and I will be sure to get that passed on to our sales department immediately.

We hope when you get the CD, you'll urge your local radio stations to play your favorite selection. We will be making the CD available to the hottest applicable North American Stations, but if we miss your favorite station, just ask them to fax a request to receive a copy at 408/745-2088. Who knows, maybe you can help put your favorite song on a Billboard chart! <g>

Don't forget the software preview video tapes. If you haven't asked for your copy yet, it features over 30 professional video captures PLUS Atari's recent television commercials. The price is \$8.95 plus \$4.95 S&H or a total of \$13.90 (\$14.64 in California) (\$15.90 in Canada).

I also still have Alien Vs. Predator posters remaining although we are shipping another wave of them to retailers. There is one for each shipping and handling fee of \$4.95 (\$6.95 in Canada).

Other news... if you have not heard. As of 11/22/94, Dragon: The Bruce Lee Story has started to ship and Doom will be in stores within the next week. The games are beginning to roll in. We may not all agree about which ones we like the best, but we will all agree there will begin to be a LOT of great ones to choose from. I have also confirmed that the wheels are now in motion to put Primal Rage out on the Jaguar. Don't ask me how much or when. I do not know yet. Happy Thanksgiving!

By the way, you can help a LOT by passing this offer electronically to another Forum, Roundtable or BBS or make a hard copy and give to friends. Thanks! If you are reading this news belated, go ahead and place your order! We will let you know if we cannot fulfill it for any reason.

END OF FILE # #

Regarding Val D'Isere Skiing and Snowboarding:

#: 60742 S15/Jaguar General
22-Nov-94 20:54:06
Sb: On the way
Fm: Loic Duval (Atari) 100015,3044

To: Alexander Smith 70004,3574 (X)

I don't know exactly when it will reach stores. You should ask Bill Rehbock. I know the game is in production since at least 2 weeks.

Val D'Isere is a skiing and snowboarding simulation. You have 3 kind of championships: Downhill, Giant slalom, Special slalom. You also have a FREERIDE mode where you have to complete more than 30 tracks in limited time. These tracks are full of obstacles and traps.

For each Championship or Freeride you can choose between SKI or SNOWBOARD. Controls and feelings differs slightly regarding what you choose.

Loic

Contact: Don Thomas/Ron Beltramo
Atari Corporation
408/745-2000

For immediate release

JAGUAR ONLINE! MEET THE ALIEN VS. PREDATOR DESIGN TEAM!
FREE-POSTERS TO CONFERENCE ATTENDEES! WIN A JAGUAR!

Sunnyvale, CA-- November 7, 1994 -- As part of Atari Corporation's celebration of new 64-bit game releases for the Jaguar Interactive Multimedia System, online conferences on the GENie and CompuServe online services have been scheduled. Within weeks following Atari's highly successful release of Alien Vs. Predator, comes a wide assortment of additional titles exclusively on the Jaguar and just in time for Christmas.

The conferences will be held Tuesday, November 29th at 5PM (Pacific Time) on CompuServe and Wednesday, November 30th at 6PM (Pacific Time) on GENie. The guest panel will feature the Alien Vs. Predator design team, Mr. "Purple" Hampton, Senior Producer and Mr. James Grunke, Director of Audio. They will be available to answer questions, provide some great game tips and let everyone in on the inside story of the making of Alien Vs. Predator. In addition, Atari's Mr. Ron Beltramo, Vice President Marketing, will be in attendance with exciting news about upcoming releases. Other popular Atari personalities will be in attendance as well as members of the online press such as Mr. Travis Guy of Atari Explorer Online and Mr. Dana Jacobson of Silicon Times Report.

All paid subscribers attending the conferences a minimum of 15 minutes will qualify for a free Alien Vs. Predator cinema-quality poster. In addition, all paid subscribers who attend each entire conference will qualify to win a complete Jaguar system, an Alien Vs. Predator game cartridge (autographed by the design team) or T-shirts. Winners will be required to answer a fundamental trivia question about Alien Vs. Predator. (Although the conference is open to subscribers worldwide, only North American members are eligible to win prizes).

Also look for Atari's Fantastic Alien Vs. Predator online trivia contest to begin November 29, 1994 and end on December 9, 1994. Win a Jaguar and other prizes.

Due to the great number of people expected to attend, both services are

making special arrangements to accommodate the volume. For more specific information, contact the System Operators. Type JAGUAR on GENie or GO JAGUAR on CompuServe to jump to the Atari Jaguar support areas. Both services require a computer, modem and an account in good standing. Each offers an excellent assortment of game tips, sample graphics and audio files, interactive messaging with Atari personnel and many other features. To subscribe, call 800/848-8199 to join CompuServe or 800/638-9636 to join GENie.

#

As an avid Jaguar fan, we're sure that you've been keeping a careful eye on the growing list of Jaguar games coming out. You have been keeping track, right? Well, we want to find out just how attentive you've been; and we're willing to reward you for your concentration!

What do you have to do? That's easy, or is it...? We want you to name the first 20 games available for the Jaguar - IN ORDER OF RELEASE - and be the first one to do so!

That's right, just send us a card or letter with the first 20 games out for the Jaguar! Games include cartridges and CD-games. Oh, there aren't 20 games out yet? Well, there has to be some challenge to a contest! You'll also need to send us your name and address, of course.

1st Prize will be an official Atari Jaguar tee-shirt AND an official in-store promotional Jaguar banner!

2nd prize will be a Jaguar tee-shirt (identical to the one above).

3rd prize will be a "JAG RULES!" rubber stamp which is normally available exclusively from Artisan Software!

Entries will be judged, and prizes will be awarded by the Atari/Jaguar editor of STReport, Dana Jacobson. Release dates are determined as actual first-time availability of games, including Atari-published and 3rd-party games. The Jaguar pack-in game, *Cybermorph*, counts (hint: it should be #1!!)

All entries must be received by December 20, 1994. The winners will be announced in STReport online magazine, in the issue scheduled to be released on Friday, December 23, 1994.

To be eligible, please submit your entry which clearly lists your choices of the first 20 games (numbering them helps!) Also include your name and address. Winners will be determined by a random drawing until the first three winning entries are found. Contest is valid in the United States and Canada only. Employees of Atari Corporation and staff members of STReport or Amiga Report are not eligible to win. This contest is void where prohibited by law.

Send your entry, your name and address to:

Jaguar First 20 Games Contest
STReport Online Magazine
1121 Saratoga Street
East Boston, MA 02128-1225
USA

Again, 1st prize includes a Jaguar tee-shirt and a Jaguar banner! The tee-shirt is 100% cotton. It's a black crew-neck shirt with the Atari Jaguar name on the chest. On the back is the famous Jaguar logo. The banner is the same as you've seen at your favorite Jaguar dealer. What? You haven't seen one? Well, it measures 4 feet wide and 2 feet tall! The Jaguar logo consists of those piercing yellow Jaguar eyes above the dark red Jaguar, claw marks and all! These banners are collector's items which are almost impossible to get anywhere! Rumor has it that this one may have been discovered in a rare cache somewhere in the bowels of Sunnyvale. And it can be all yours! Show it off proudly on the wall of your room or fly it out your window! All of your friends will want one, but only you will have one. It's awesome! JAG RULES!

The 2nd prize consists of the Jaguar tee-shirt, as described above. The 3rd prize is the official "JAG RULES!" rubber stamp! Use a bright red ink pad (not included) for a vivid 2.25" by 1.5" image of JAG RULES in the impact of the Jaguar logo type style. Use it as an economical way to advertise your enthusiasm of the Atari Jaguar. Stamp your letters and your envelopes. Stamp your arm as a tattoo. Stamp your money. Stamp school notebooks and post-its. Writing a letter to your favorite software company?

Stamp it! Sending a birthday card to your best friend? Stamp it! Dropping a postcard to your brother at school? Stamp it! Let everyone know you're a Jaguar gamer. After all, in the empire of high technology entertainment systems, JAG RULES!

For an example of the JAG RULES logo, call the CATscan BBS. Dial 209/239-1552. Download file: JAGRULES.ZIP. File is ZIP'd and requires PKUNZIP to decompress. Or, call your favorite online service to find it!

Need a tip to help you start thinking of these games? Drop us a line in E-Mail to either DPJ on Delphi, 71051,3327 on Compuserve, D.JACOBSON2 on GEnie, or Internet mail at dpj@delphi.com. Or, call us at Toad Hall BBS at (617)567-8642 and leave a private message to Dana Jacobson.

Are you still here? Start your list of games now!! You may even get some

useful tips elsewhere in this and past/future issues of STReport!

Credits: STReport and its staff would like to thank Atari Corporation for its generous donation of the banner and tee-shirts.

=====
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Permission hereby granted to re-post this contest text, in its entirety, anywhere that you feel it would be appropriate - your favorite BBS, user group newsletter, magazine, etc. Please spread the word!

> ONLINE WEEKLY STReport OnLine

The wires are a hummin'!

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PEOPLE... ARE TALKING

=====

On CompuServe

compiled by
Joe Mirando
73637,2262

Ahhh, Thanksgiving! As I sit here and slowly return to a state of relative gastric comfort (I ate too much turkey AGAIN this year), I'm mulling over all the things I've got to be thankful for... First of all, I'm grateful that we had TURKEY (I LOVE turkey, can ya tell?). But there are other things that I'm much more grateful for than a silly turkey. I still have a job, I've got my family, I've got my health, and I've been recently married. If that's not a lot to be thankful for, I don't know what is.

I'm also thankful that I've got friends... lots and lots of friends. The funny thing is that I've never even met some of them face-to-face. I'm always amazed that these people who are my "on-line buddies" are so willing to help out. Folks like Ron Luks, Bob Retelle, Bill Aycock (Happy Birthday, Bill!), Myles Cohen, and Brian Gockley (The last two I've been lucky enough to meet in person) make CompuServe an entertaining and educational experience. C'mon with me and I show you what I mean....

From the Atari Computing Forums

When Ethan Mings asks about setting up his new 14400 baud modem, John Amsler tells him:

"I've got an external SupraFaxModem with my MegaSTe. Just set your comm software for 19200 and your 14.4 modem should work just fine. (At

least mine does.)

Be sure, however, to run one of the "Serial Port Fixer" utilities in your AUTO folder before you transfer at 14.4/19.2. I also recommend RTS/CTS as your flow control."

Peter Joseph, who's been mulling over the purchase of a Gemulator, the PC card that emulates an ST, posts:

"I have P5-90 with 16Meg of Ram. I have seen some older programs choke on the speed of this baby. Is the Gemulator equipped with PF Flyers?"

Now to figure out how to convert my database files to MS Access."

Robert Carpenter tells Peter:

" [A P5 (pentium) at 90 mhz]... Gee, that might be just fast enough.
:-)

Yes, it will work with the 2.06 ROMs in your TEC. The only thing proprietary about the TEC is the board itself.

I've played that game myself. I recently converted a DB from DataManager ST to Lotus Approach 3.0. If you're using DMST, you're going to have to print out your data as a report (w/o headers, footers, or page breaks) and import it into your DB as a fixed length file. If Access doesn't support fixed length files (I'm sure it does, though), you'll have to find a program that will convert fixed length files to comma-delimited files. I used an ancient IBM program called Strew that I found on CIS. It was the worst of DOS and has an "interface from h*ll", but it works.

Re: DMA You got me there. No, Gemulator doesn't support DMA. I took that as a given. DMA was a totally Atari-proprietary design. That's why I never bought the 804 or 605. If you found an ancient RLL controller, you COULD use the drive inside your Megafiler 60 on the PC. However, if you've got a P5-90, I bet you're a little too smart for that."

Peter tells Robert:

"Wow! I forgot about that option with DMST. I do use that program, so your info on that will be most helpful. I also use Regent Base II (actually more than DMST). RBII exports comma delimited files so that should be easy enough. Not sure yet if Access supports fixed length files, but as you say, I'm sure it must. Haven't had time to read the docs yet. In fact, I haven't had time to read many of the docs that I got with the system. I've read through most of the hardware docs, and skimmed through some of the software docs (the tape backup docs were the first :)).

Not smart enough to have thought ahead and partitioned the 1 Gig drive. I sure don't want to have to reformat it now, so that would be a big deciding factor for the Gemulator. I'd probably just get a small second drive for the Gemulator; they're getting so cheap. Anyway, the ST's not in the way and I'm not in a hurry to sell it just yet."

Hal Scheie jumps in and asks:

"Does any body have any list of what runs on gemulator and what

doesn't?"

Nathan Potechin of DMC tells Peter:

"Calamus SL runs on a Gemulator. Of that, I'm certain."

As most of us know, you can easily transfer files from the ST to a PC and vice versa provided you meet one simple condition: The floppies must be formatted so that the DOS machine can read them. TOS versions 1.4 and above do this fairly well, as does NeoDesk. You can also format the disks on the PC to begin with. Dr. Robert Hashway posts another option:

"I have found that some of the format programs in the archive work just fine formating disks on the Atari for the IBM. I have also found that programs such as 1st-word and Publish It! can transfer programs back and forth between applications on the Atari and IBM with no problem. The only issue that may occur is that the versions be of the same or similar vintage dates. Don't try Wordperfect 6.0b files on an Atari Wordperfect purchased before 1994."

John Amsler tells the good Doctor:

"Right; I've found that *some* of the IBM-compatible-disk-formatting programs work ... and some don't! From my experience, it depends on what kind of DOS and what kind of floppy disk drive on the PC you're transferring the disk(s) to.

Overall, I've found that IBMFORM.PRG formats disks that can be read on any IBM or compatible system.

On the other hand, DISKMOD.TOS, DOSBOOT.PRG, and DCFMT301.PRG often cause problems ... or at least they did with the myriad of IBM and compatible systems I used in the military during the late 80s and early 90s."

Jon Sanford asks for help with his CD-ROM:

"I can't get the directories about 3 levels down on the GEMINI CD ROM Disk to open. I get Illegeal operation error. Also Cant copy these files. Bizi bee appears for a flash then ignors the comand. I tried the Foldersxxx.prg at 999. As i have a Mega16STE I didn't think this was the problem ...It wasn't. The programs Not in folders I can get. also the first level down. anybody else had this problem."

Greg Kopchak of It's All Relative Software tells Jon:

"You can read GEMini with ExtenDOS or ExtenDOS Pro or the Kodak Photo CD XFS driver included with Photo Show Pro.

MetaDOS and some other drivers may not work in a reliable manner. What driver are you using and what drive?

What folder is giving you trouble? There is a bad folder in the IMG folder. Roger Burrows and Anodyne have patched the ExtenDOS driver to read even this folder.

P.S. Have you checked out our listing of all the new Atari CD's in the Libraries here?"

Jon tells Greg:

"I am using Extendos & NEC 2110T .

It seems like most of the folders on the deepest level wont allow me to open or copy. The graphics, The portfolio, the stuff i want ... All of the programs not in folders on the second level i have tried are OK.

I saw the upload notice & copied your address."

Greg asks Jon:

"What version of ExtenDOS are you using. I think you have an older version as the newer versions will solve your problem. Let me know the version number."

Jon supplies the info that Greg requested:

"It's version 1.20 I just got it!"

Greg tells Jon:

"The current version of ExtenDOS is 1.21. I will see if I can get permission to upload the upgrade patch here."

Steve Peters asks for help with his Falcon:

"Does anybody know if there's any way to reset the Falcon by holding down some keys at bootup or something?

It's stopped doing it's memory check, and since then I get a "Can't run under this TOS version" message when I try to boot up Calamus, and I think the two events may be related.

This is a very strange thing, but I really need to get Calamus up and running again."

Frank Heller asks Steve:

"Did it "once upon a time" boot up correctly with Calamus...or did it start giving you trouble after installing Calamus?"

Steve replies:

"Yes, it used to run Calamus fine. Don't know what I did to change things..."

Jerry Coppess tells Steve:

"Here are some Ideas:

Appendix B5 :

Push the reset button. When the Atari symbol(Fuji) appears, hold down the [ALTERNATE] key for a few seconds and the System bypasses the boot driver."

This is from the falcon manual. It would be for the Atari HDX driver. If your using the ICD Pro driver Just press the [A] key. Then you will have to run the driver program from the DESKTOP. If you can get access to the hard drive this way turn off all the programs in the AUTO folder

and accessories from the root directory. Then try rebooting normally.

If you have No Roach(or other boot delay) on the disk in the A: drive it may be set low enough that it bypasses the memory check. put in a blank formatted disk."

My Connecticut AtariFest Pal Doug Finch posts:

"I have recently eyed newspaper and magazine ads touting some decent prices for laser and inkjet printers, so I'm poised to buy. Took a trip into the local CompUSA store and it looks like several of the inkjet models are producing much better print than they did a while back. On the other hand, prices for laser printers seem to have dropped enough for me to take the plunge. Being the owner of Atari computing equipment, however, I have some reservations and questions.

Hope someone in this newsgroup can guide me through the fact and fiction of printers and point me toward the best buy. I expect that 90 percent of my output will be letters, manuscripts and newsletters, so I can live with B&W, although I've got to admit the color printers have improved quite a bit in recent years - and I might want to use them occasionally on a small scale. [On the other hand, will I get far fewer prints per replacement ink cartridge than I will from a laser? What's the average trade-off?] Here are some points to consider:

- 1) HP printers - In general it looks like both DeskJets and LaserJets are used by enough Atari users and supported by third party developers that there is an adequate supply of print drivers and help, so I won't be stuck. Prices for these are a little higher than other brands, but not too much. The color units I saw (Deskjets 540 and 560) were priced \$277 and \$500 respectively and yielded pretty crisp color and B&W prints (in B&W both output at 600 x 300 dpi). The DJ320 delivers much the same in a smaller, portable printer. Then there's the current \$100 rebate on the LJ4L.
- 2) There are some excellent prices on Canon Bubblejets as well, but I don't know about the availability of drivers and fonts. The BJ-100 was selling for \$229!
- 3) Without going into all of the other possibilities, I liked the look (and some prices) of laser printers by Brother, Okidata and Panasonic. For years I've owned a reliable Panasonic dot-matrix printer, and I think all of these guys make decent office products. How much difficulty I will have with Atari-compatibility remains to be seen. Okidata and Panasonic both claim to be HP-compatible, but the proof is in the pudding. Would appreciate any comments and case studies regarding your experiences with these printers, Atari compatibility, technical and customer support, etc."

Dana Jacobson tells Doug:

"I have a Panasonic laser printer (KX-P4450) and I love it. It is HP-compatible and I use HP laser drivers all the time. All of my DTP and WP programs support it. I'm looking to supplement this laser with a color printer in the near future, so I may be asking similar questions when the time is right!!"

Sysop Bob Retelle tells Doug:

"The November 22, 1994 issue of PC Magazine had a printer roundup article that tested 109 currently available printers, and answered a lot of the kinds of questions you asked. If you can't find that issue still on a newsstand, you should be able to find it at a local library... it would be extremely valuable to check it out before a purchase like this..

Just one thing I noted from the article (since I just bought a DeskJet 520, right before the 540 model came out, I was interested in what they had to say about the DJ in general)... the big difference between the 540 and the 560, besides the big jump in price is that the 540 uses a three color ink cartridge to print in color.. that is, black is printed by printing all three colors on top of each other, which results in a somewhat greenish looking black. The 560 on the other hand uses the three color cartridge, but also has a regular black ink cartridge too, so blacks are truely black. I guess it depends on how much color output you'd be doing, and whether the slightly offcolor blacks would matter.

The article also goes into costs of consumables per page printed, which was something I'd never even thought about before choosing a printer before..."

Simon Churchill tells Doug:

"I have had a HP Deskjet 520 for about 4 month's now and this print's in black and white only but has so far given me a superb output from many program's.

As for the ink cartridges, the colour ones normaly run out on one colour first but you can get colour refill kit's quite cheaply. The later Deskjet's have as metioned by other's two ink cart's, one black and the othe 3 colour.

Depending on how much colour work you do will depend on how long the cart will last. Spot colour will mean the cart's life will be long, but full page colour and byebye cart.

There are pogrammes that support even the colour DJ, imagecopy will give B&W or Colour output's.

Even the fated GDOS can handle a DJ. I use timework's publisher and have very good print's. Other prog's that will run include Write on, 1ST Word+, Pic Switch 1.0, Easy Draw 2 and many other's.

There is a warning here, I have heard that some early DJ have to be turned on before the computer or the ST think's it's not there and ignores it forever. Mine has never suffer from this so I turn it no when I need it. Some kind people have written prog's and acc to help run the DJ's.

So it's well supported and get's a vote from me. It might cost more to buy but the 560 look's the best bet for your curreent hardware setup.

A laser is all well a good. If you are printing every day and it's a lot then get a laser, but also get yourself a financial adviser as well. You'll need one to keep the thing in toner, drumm's, maintanace etc. Remeber a DJ comes with a 3 year garantee anyway.

On the side on font's. If a font is 300 * 300 or 600 * 300, then the printing device can handle then as long as you have a driver. The driver is the important bit. The font's are universale. My 520 can do 600 * 300 but I don't have a driver for GDOS. Instead I use a Laser Jet II Driver at 300 * 300 and it work's perfectly. I do have a 500 GDOS driver but it bug's out most spectacularly, paper everywhere and crap printed on them all!!!"

From the Atari Gaming Forum (JAGUAR)

=====

Regan McMorris posts:

"Perhaps this is the wrong forum to search for this, but has anyone ever heard of the original arcade version of Battlezone being commercially available for DOS ? I know Microsoft offers a Windows version of Battlezone, but it is just not as good as my old arcade favorite."

Sysop Bob Retelle tells Regan:

"The MicroSoft Arcade version is the only "official" version of BattleZone that I've ever heard of..."

I agree with you that it's a "close.. but no cigar" conversion of the original."

Larry Tipton tells us:

"Brutal Sports Football is in stores once again...at least at EB. Is there any major differences between this release and the initial (limited) release which occured this past summer? Better documentation? Just wondering..."

Ross Beckstrom tells Larry:

"Just got it yesterday at Babbage's. I don't know about the documentation before, but my copy has only a brief overview of the game. Looks like I'll have to experiment around to figure it all out."

On the subject of DOOM 2 (Jeez guys, DOOM 1 isn't even out yet), Sysop Jim Ness posts:

"Doom 2 is MUCH bigger and more complex than Doom 1. I've been in level 32, and I don't know yet where it all ends. I don't think the whole thing could fit into a Jaguar cart. But maybe it could be a CDROM game.

By the way, the level of scenery complexity in Doom 2 is so great that my 486/66 slows down noticeably in some areas. You can look out windows and see buildings a mile away. Imagine how much work is involved in painting such a scene and shrinking it to fit a distant perspective..."

Sean Fitzpatrick posts:

"To be honest I expect Doom 2 on the jaguar in the 1st qtr 95(The Doom engine sounds more than capable so it just new levels). I hope they

make it CD only tho as I really dont want any of the extra monsters cut.

I suppose the limitation of a CD-Rom jag version of Doom 2 is that they would probably either have to reduce the variety of monsters per level or prehaps swap in this data as required of the CD (It would be awkward to do this without stalling the game).

Yes I've got it on my PC, a DX2 also and have the same slowdown problem I just sort of forgot about it. It became more or less unplayable on a full screen/low detail setting on my freinds 486sx33 and pitifull on another freinds DLC40. Robert mentioned that jag doom slowed down on level 21 and I assume this is going to be an open DOOM 2 style level so you have a very valid point here as well as some evidence for this being the case.

To this date ID are the only company that have produced a 3D engine capable of that (looking right across the mapped world). All the others use a varing amount of spotlighting etc (including AvsP)

BTW I love the idea of the limited save in jag doom. Prehaps I will actualy play the game properly for once:)"

Tom Langworthy jumps in and adds his own opinion:

"Depending on how the game does, maybe we can forget the Doom series and move to Marathon, a game that's comming out for the Mac. The engine is way better than the simple doom one. They have duel plainer stages (Like bridges that extend over lower levels, which doom can't do), not to mention the graphics tear dooms sorry *** out of exsistence. Every guy is textured mapped, and there are civilians that are running around at the same time. It's way more complex than Doom."

Danny Miskin posts some information about Kasumi Ninja for the Jaguar:

"There are nine characters in the game that you can choose from...

It's something like the Evil Ninja Lord is trying to take over the Island of Kasumi and you've been chosen by the ninja gods to stop him and if you don't then the Island will become take over by his demons, then the world.

Gore?? Well if you haven't seen any pixs then that's too bad, there's no violence in this game what so ever... Just kidding it's the bloodiest game ever made. Go find some pixs of it and you'll see what I mean. The blood stays on the ground the whole round and seems to come flying out with even the lightest punch.

My guess is that it will cost at least \$69.99 it's a 32 meg cart so that's my bet."

While talking about video game sound Randy Baer tells Steve Watkins:

"As far as sound goes, if you don't have it, go get Tempest 2000... then get a couple of nice big speakers... and get ready for your neigb ors to call the cops!!!"

Steve tells Randy:

"I've got Tempest. I've had *4* in fact. The fourth works and I have

to return it because it isn't mine. :(But I agree that the sound on Tempest is excellent..."

When someone asks if the Jaguar is worth the money (\$249.99 US) Bill Devonshire posts:

"It is worth the money. Its unfortunate that the cost to high tech is still a little beyond the reach of the average person. However, the machine is relatively new and programmers are just starting to get the hang of the architecture. the games so far have gone from dull to most excellent in a very short time, and they look like they are heading right through the roof of our imagination. It is great, and well worth the entertainment and excitement value, even just in Wolf3D, Tempest Brutal Sports(excellent) and WOW - AvP. AvP alone!!!!!! anyhow, it has wowwed everyone I have demo'd it to (the Jag that is), and I do think it is worth it."

Randy Baer posts:

"I think the Jag is a really good system. Tempest 2000 is simply the best game I have EVER played, addictive as heck. I still play it every night - and I got it back in April!! Alien vs. Predator is the only game that ever made my palms actually SWEAT as I played it...and scared the bejeezus out of me as well!!"

Steve Watkins tells Randy:

"I think the Jag is a GREAT system, but it seems (from the e-mail I continue to receive on this) that you have to be lucky enough to get working hardware and software. It took 4 Tempest carts to find one that worked and it's not mine! :(I'm thinking about swapping the Jag for another for the 2nd time (3rd Jag), but am looking at 3DO prices this weekend and for the upcoming Thanksgiving official X-Mas shopping rush."

Well folks, I'm WAY over my allotted space, so I've got to get going. C'mon back next week and join us in discussions about all things Atari. That includes the Jaguar and it's games. 'Till then, remember to listen to what they are saying when...

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